ORDER NO. HAD85032446C1
A1

Service Manual

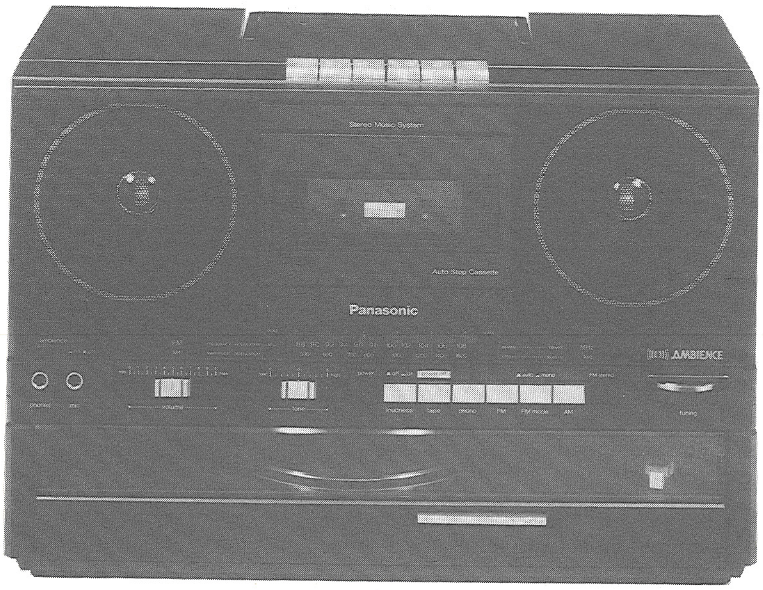
Portable Stereo
SG-J555

AM/FM Stereo Radio with Cassette Tape Deck and Record Player

Color

(K). . . Black Type

Color	Area
(K)	[MX]. . . . U.S.A.



SPECIFICATIONS

AMPLIFIER SECTION

Input Sensitivity & Impedance	
MIC	2mV, 4.7kΩ
Loudness Control	+8 dB at 100 Hz (Volume at −30 dB position

FM TUNER SECTION

Frequency Range	88 MHz ~ 108 MHz
Intermediate Frequency (IF)	10.7 MHz
Sensitivity	6.5 μV (at 1 kHz, 30% Mod.) at 75Ω
Stereo Separation	34 dB (at 1 kHz, 60 dB, 40 kHz)

AM TUNER SECTION

Frequency Range	MW: 525 kHz ~ 1605 kHz (571 m ~ 187 m)
Intermediate Frequency (IF)	450 kHz
Sensitivity	MW: 220 μV/m (1 MHz)

TAPE DECK SECTION

Deck System	Auto stop
Track System	4-Track, 2-Channel
Head Type	Hard Permalloy (Rec/Play) Double Gap Ferrite (Erase)
Recording System	AC Bias (50 kHz)
Erasing System	AC Erase (50 kHz)
Tape Speed	4.8 cm/sec. (1-7/8IPS)
Frequency Response	50 Hz ~ 12 kHz
Signal/Noise Ratio	50 dB (DIN)
Wow & Flutter	0.2% (WRMS)

PHONO SECTION

Turntable System	Belt drive
Turntable Platter	16 cm (6-5/16″)
Turntable Speed	33-1/3 rpm and 45 rpm
Phono-Motor	Electronically Controlled DC Motor
Cartridge	Ceramic cartridge (EPC-13STH)
Stylus	Sapphire tip (EPS-41ST)
Stylus Pressure Range	5.9g

SPEAKER SYSTEM

Speaker	12 cm (4-3/4″) Dynamic Speaker
Input Impedance	6Ω

GENERAL

Power Consumption	15W
Power Supply	AC 110V/120V/220V/240V, 50/60 Hz Battery: 12V (8 × UM-1, "D" size battery) DC IN : 13.2V Optinal car adaptor (RP-952)
Dimensions (W × H × D)	395 mm × 273 mm × 209 mm (15-35/64″) × (10-14/45″) × (8-7/32″)
Weight	5 kg (without batteries) (11 lbs) 5.8 kg (with batteries) (12.7 lbs)

* Specifications are subject to change without notice for further improvement.

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SAFETY PRECAUTION

1. Before servicing, unplug the power cord to prevent an electric shock.
2. When replacing parts, use only manufacturer's recommended components for safety.
3. Check the condition of the power cord. Replace if wear or damage is evident.
4. After servicing, be sure to restore the lead dress, insulation barriers, insulation papers, shields, etc.
5. Before returning the serviced equipment to the customer, be sure to make the following insulation resistance test to prevent the customer from being exposed to a shock hazard.

● INSULATION RESISTANCE TEST

1. Unplug the power cord and short the two prongs of the plug with a jumper wire.
2. Turn on the power switch.
3. Measure the resistance value with ohmmeter between the jumpered AC plug and each exposed metal cabinet part, such as screwheads antenna, control shafts, handle brackets, etc. Equipment with antenna terminals should read between 3 MΩ and 5.2 MΩ to all exposed parts.* (Fig. A) Equipment without antenna terminals should read approximately infinity to all exposed parts. (Fig. B)

***Note:** Some exposed parts may be isolated from the chassis by design. These will read infinity.

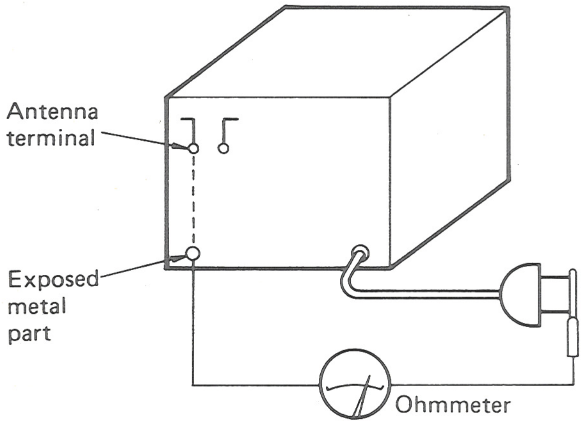


Fig. A

Resistance = 3MΩ–5.2MΩ

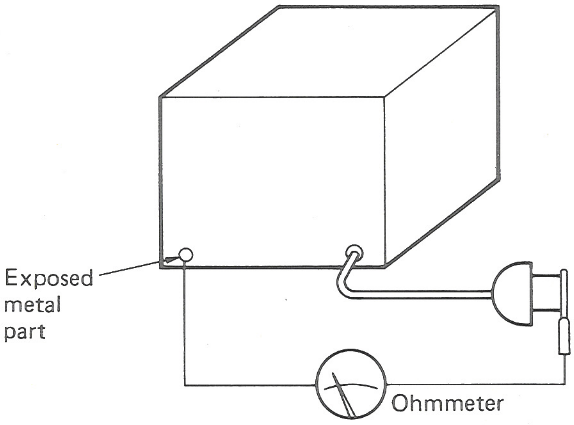
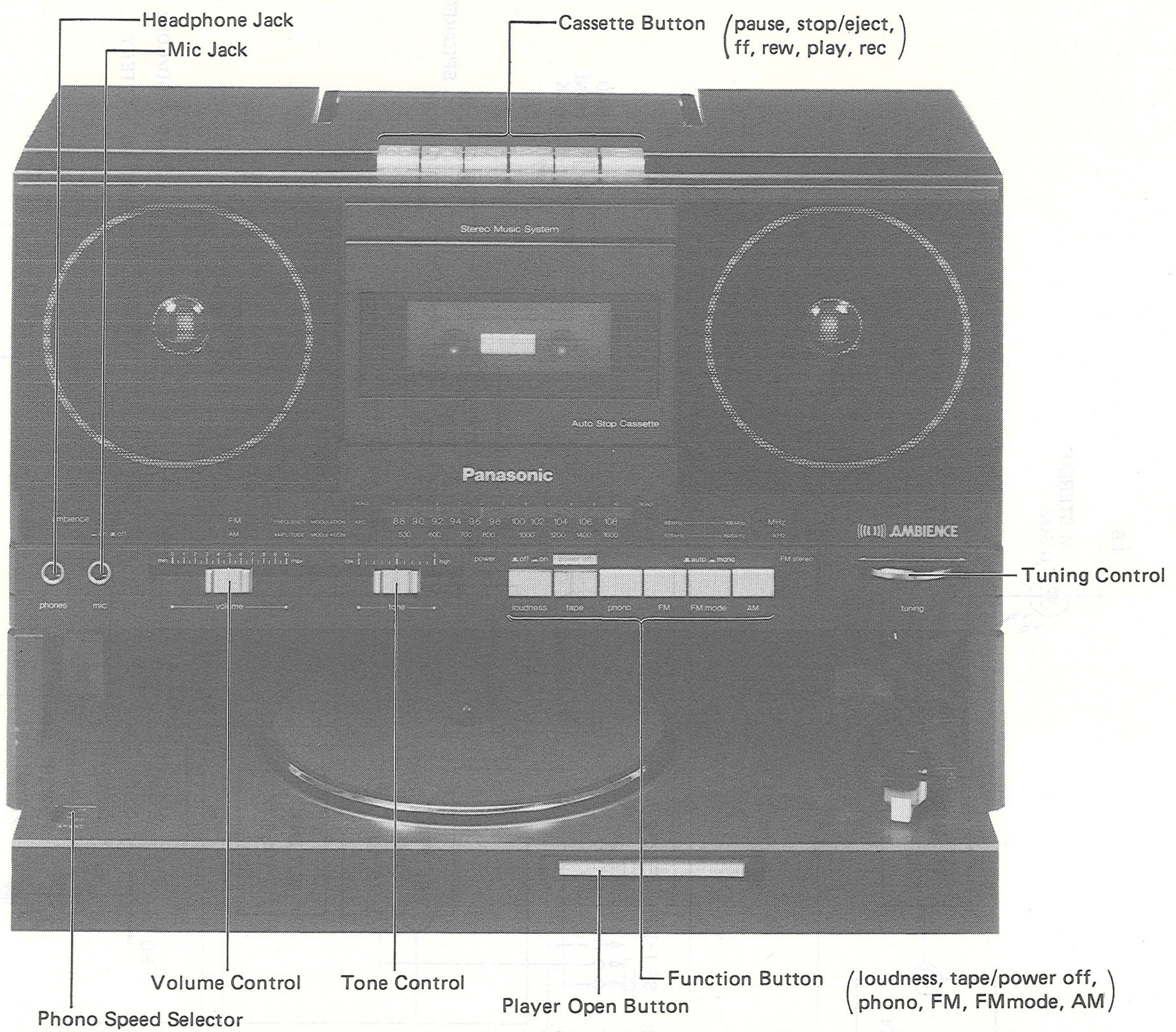


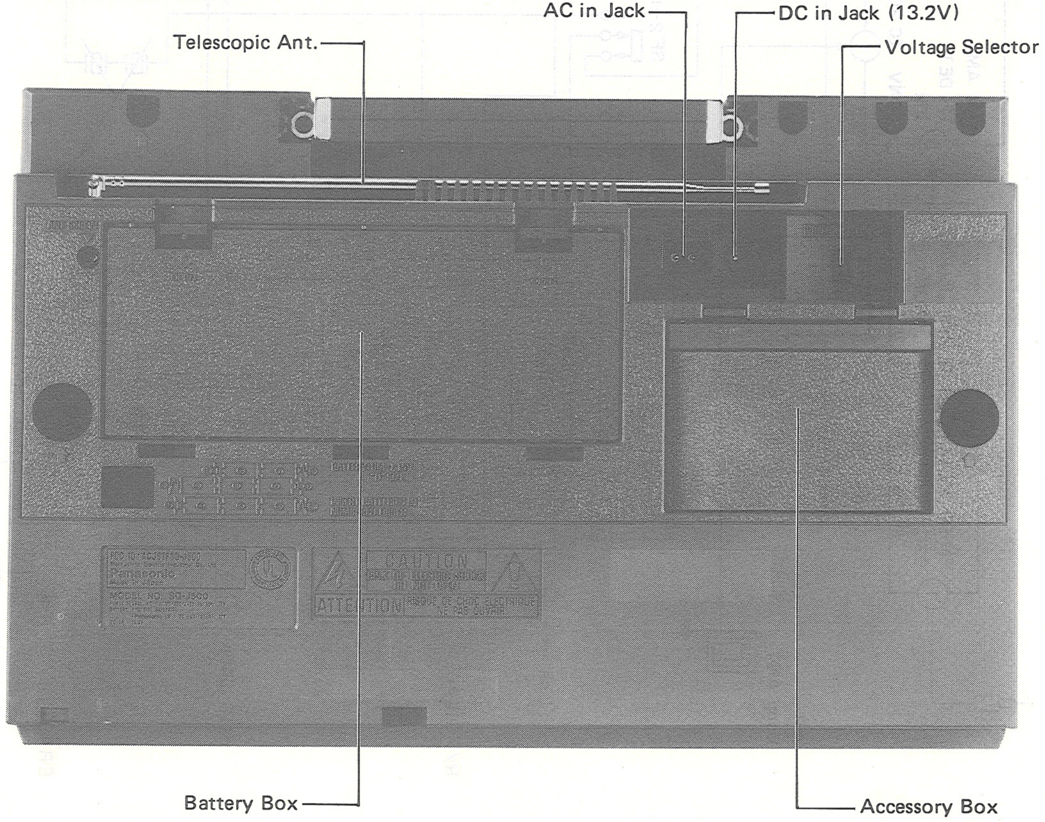
Fig. B

Resistance = Approx ∞

4. If the measurement is outside the specified limits, there is a possibility of a shock hazard. The equipment should be repaired and rechecked before it is returned to the customer.

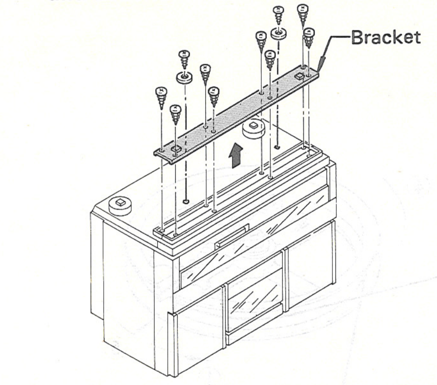
LOCATION OF CONTROLS


Headphone Jack
Mic Jack
Cassette Button (pause, stop/eject, ff, rew, play, rec)
Stereo Music System
Auto Stop Cassette
Panasonic
AMBIENCE
Tuning Control
Volume Control
Tone Control
Function Button (loudness, tape/power off, phono, FM, FMmode, AM)
Player Open Button
Phono Speed Selector

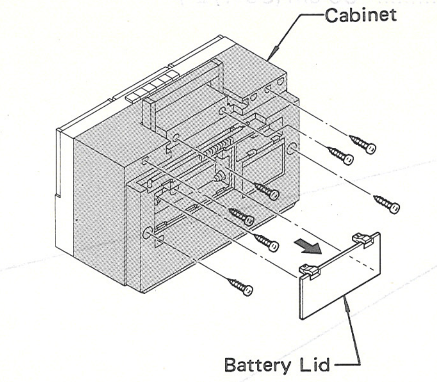

Telescopic Ant.
AC in Jack
DC in Jack (13.2V)
Voltage Selector
Battery Box
Accessory Box

DISASSEMBLY INSTRUCTIONS

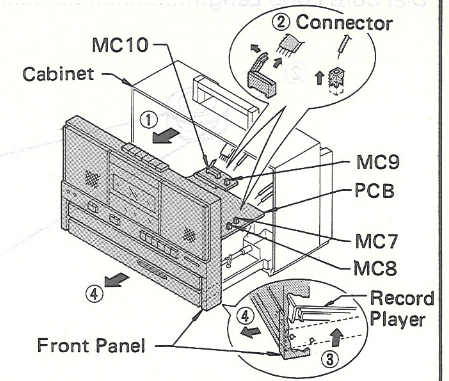
❶ Remove the Power Cord, Battery and Bracket



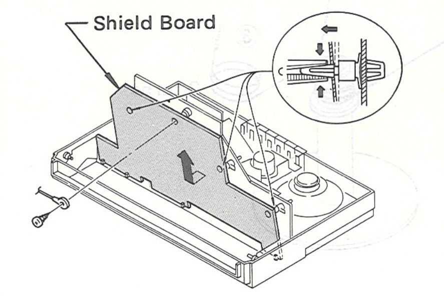
❷ Remove the Cabinet


Cabinet
Battery Lid

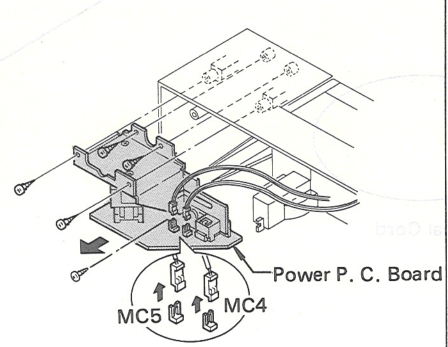
❸ Remove the Front Panel


② Connector
MC10
Cabinet
①
MC9
PCB
MC7
MC8
④
Record Player
④
③
Front Panel

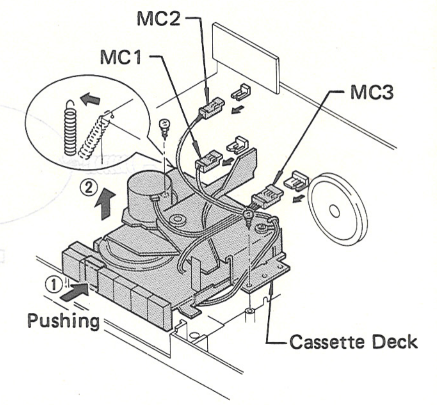
❹ Remove the Shield Board


Shield Board

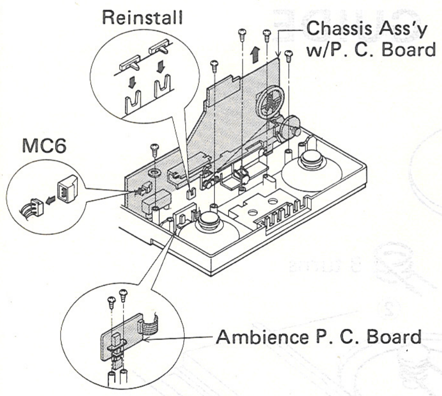
❺ Remove the Power P. C. Board


Power P. C. Board
MC5
MC4

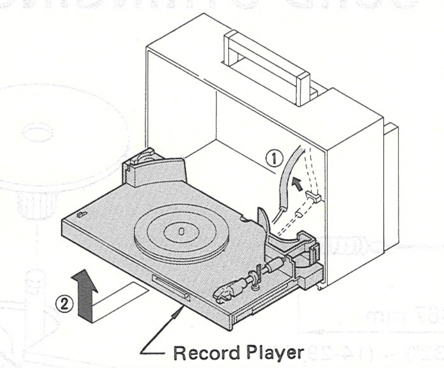
❻ Remove the Cassette Deck


MC2
MC1
MC3
②
①
Pushing
Cassette Deck

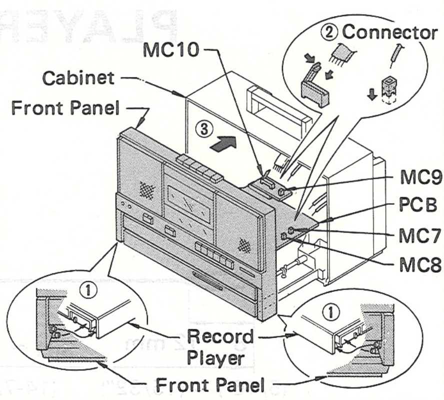
❼ Remove the Chassis Ass'y


Reinstall
Chassis Ass'y w/P. C. Board
MC6
Ambience P. C. Board

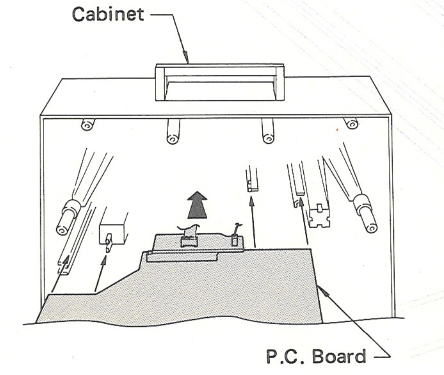
❽ Remove the Record Player


①
②
Record Player

❾ Reinstall the Front Panel-1


② Connector
MC10
Cabinet
Front Panel
③
MC9
PCB
MC7
MC8
①
①
Record Player
Front Panel

❿ Reinstall the Front Panel-2

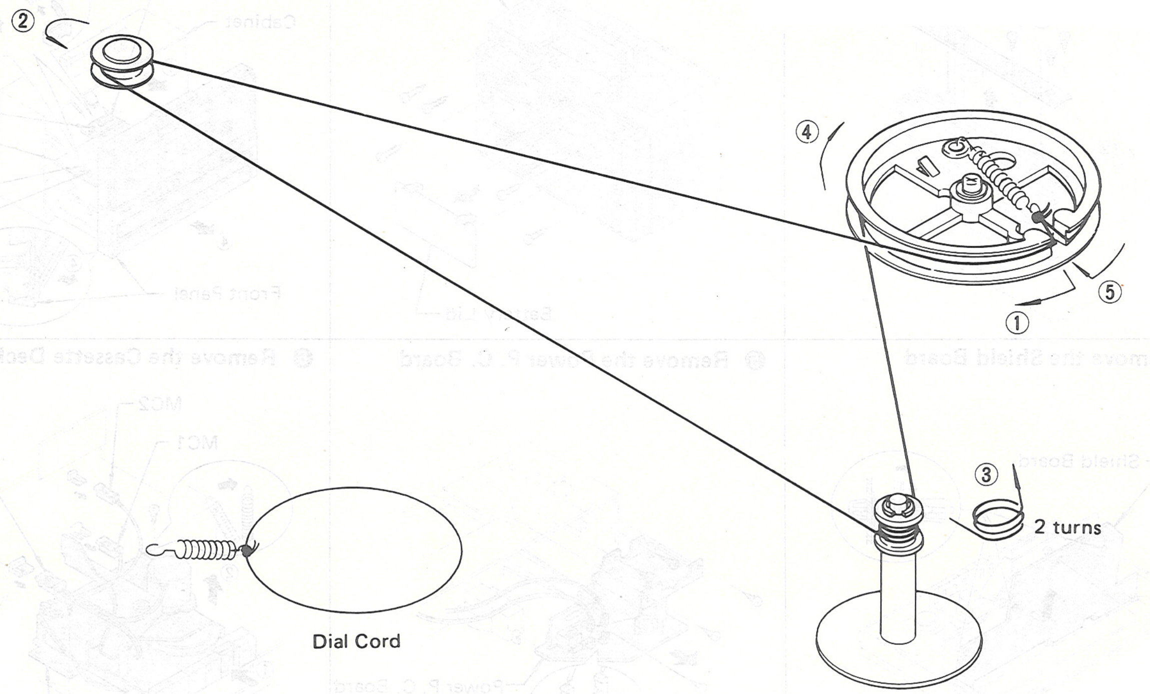

Cabinet
P.C. Board

- **To Replace the Parts on P. C. Board**
  - **Main P. C. Board** . . . . Refer to ❶ ~ ❹
  - **Power P. C. Board** . . . . Refer to ❶ ~ ❸, ❺
- **To Remove the Cassette Deck** . . . . Refer to ❶ ~ ❸, ❻
- **To Remove the Chassis Ass'y** . . . . Refer to ❶ ~ ❸, ❹, ❻, ❼
- **To Remove the Player** . . . . Refer to ❶ ~ ❸, ❽
- **To Reinstall the Front Panel** . . . . Refer to ❾, ❿, ❷, ❶

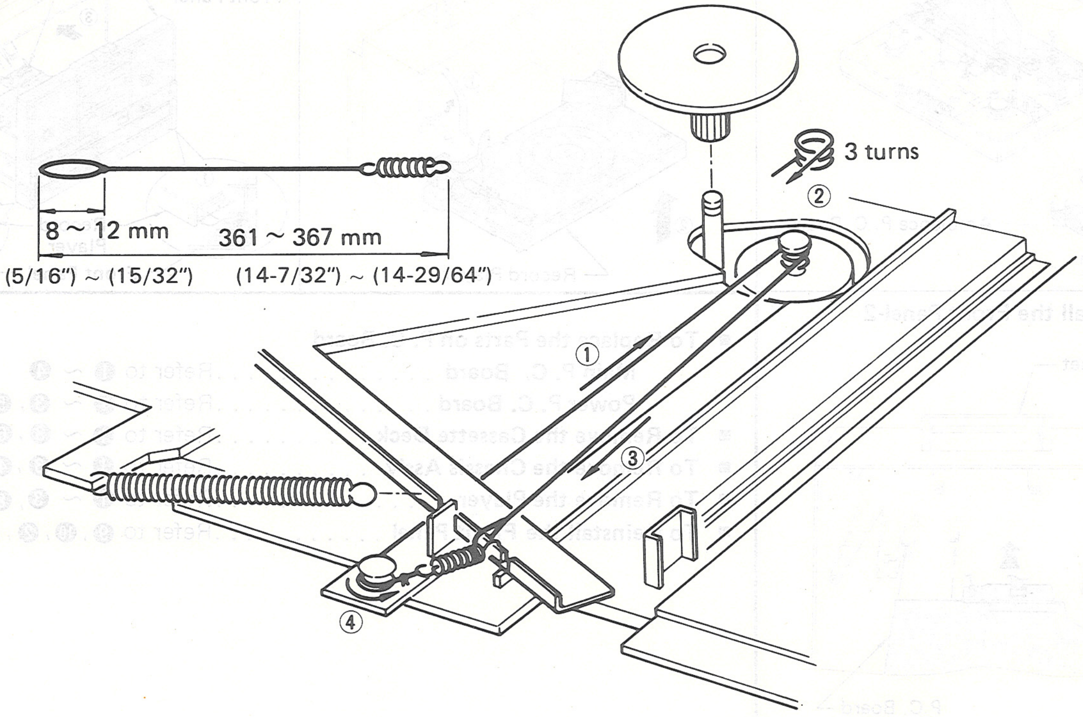
DIAL CORD STRINGING GUIDE

NOTE:

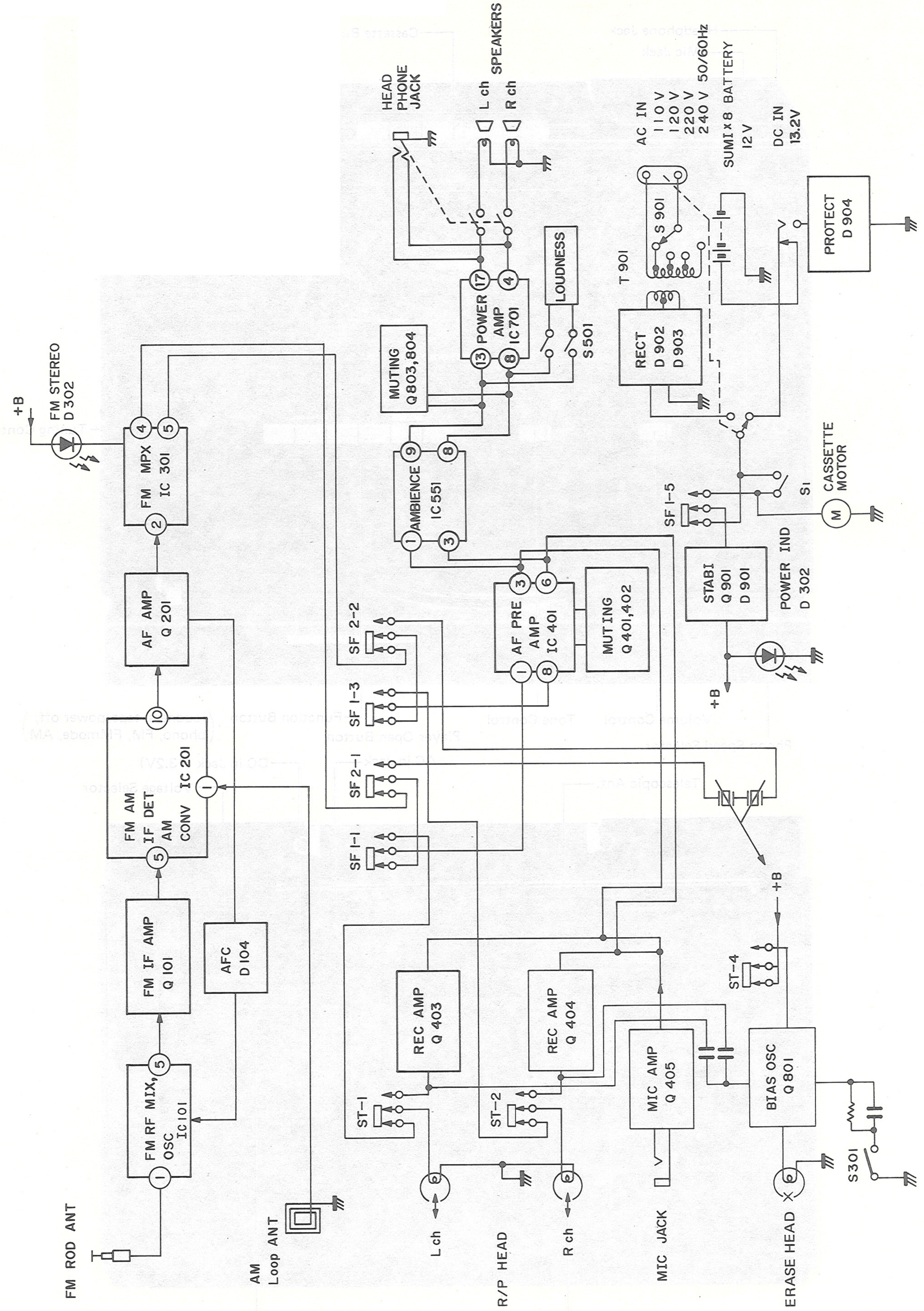
Dial Drum..	Turn Fully Clockwise
Dial Cord Loop Length..	80 cm (30-1/2")


②
④
⑤
①
③
2 turns
Dial Cord

PLAYER CORD STRINGING GUIDE


3 turns
②
8 ~ 12 mm
361 ~ 367 mm
(5/16") ~ (15/32")
(14-7/32") ~ (14-29/64")
①
③
④

BLOCK DIAGRAM


FM ROD ANT
FM RF MIX, OSC IC101
①
⑤
AM Loop ANT
FM IF AMP Q101
AFC D104
FM AM IF DET AM CONV IC201
⑤
①
⑩
AF AMP Q201
FM MPX IC301
②
④
⑤
+B
FM STEREO D302
SF 1-1
SF 2-1
SF 1-3
SF 2-2
AMBIENCE IC551
①
③
⑨
⑧
MUTING Q803,804
POWER AMP IC701
⑬
⑰
④
⑧
LOUDNESS
S501
HEAD PHONE JACK
L ch
R ch
SPEAKERS
AF PRE AMP IC401
①
⑧
③
⑥
MUTING Q401,402
REC AMP Q403
REC AMP Q404
ST-1
ST-2
L ch
R ch
R/P HEAD
MIC AMP Q405
MIC JACK
BIAS OSC Q801
ST-4
+B
ERASE HEAD
S301
T901
S901
AC IN
110 V
120 V
220 V
240 V 50/60Hz
SUM1x8 BATTERY
12 V
DC IN
13.2V
PROTECT D904
RECT D902 D903
STABI Q901 D901
+B
POWER IND D302
SF 1-5
S1
M
CASSETTE MOTOR

MEASUREMENTS AND ADJUSTMENT

■ Radio

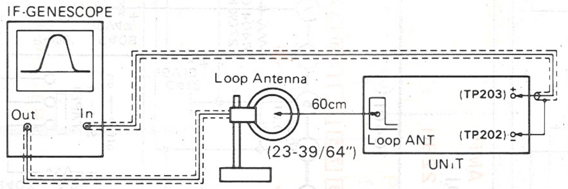
Control Positions

- Volume Control.................................. Audible level of speaker sound (AM-RF, FM-RF); Minimum (AM-IF, FM-IF).
- Tone Control....................................... Maximum
- FM Mode Selector............................. FM AUTO
- Loudness Switch................................ ON
- Output of signal generator should be no higher than necessary to obtain output reading.
- Make certain that speaker system is connected to the receiver when aligning (or use relivant dummy load resistors).

AM-IF ALIGNMENT

1. Test equipment connection is shown in figure.
2. Place unit into AM position.
3. Place the radio dial setting to point of noninterference.
4. Adjust **T202** and **T203** for maximum output and symmetrical curve.

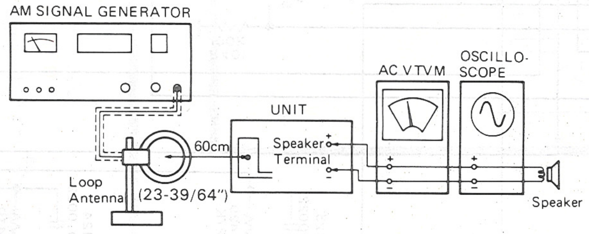
GENESCOPE CONDITION
Frequency .... 450 kHz


IF-GENESCOPE
Out
In
Loop Antenna
60cm
(23-39/64")
Loop ANT
(TP203)
(TP202)
UNIT

AM-RF ALIGNMENT

1. Test equipment connection is shown in figure.
2. Place unit into AM position.
3. Place the radio dial and signal generator setting to **513 kHz.**
4. Adjust **L205** for maximum output.
5. Place the radio dial and signal generator setting to **600 kHz.**
6. Adjust **L201** for maximum output.
7. Place the radio dial and signal generator setting to **1645 kHz.**
8. Adjust **CT202** and **CT201** for maximum output.
9. Repeat steps 3. ~ 8.

AM SIGNAL GENERATOR CONDITION
Modulation 30%
Modulation Frequency .... 400 Hz

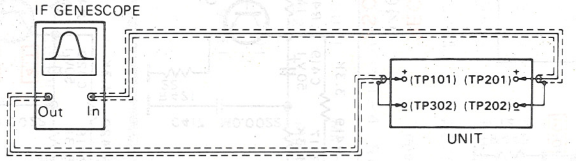

AM SIGNAL GENERATOR
UNIT
AC VTVM
OSCILLO-SCOPE
60cm
Speaker Terminal
Loop Antenna
(23-39/64")
Speaker

FM-IF ALIGNMENT

1. Test equipment connection is shown in figure.
2. Place unit into FM position.
3. Place the radio dial setting to point of noninterference.
4. Adjust **T101** for maximum amplitude and symmetrical curve. (Refer to Fig. 1)
5. Adjust **T201** for maximum amplitude and proper linearity between about ±**100 kHz** markers. (Refer to Fig. 2)

Note: Before aligning, turn the corest of **T201** fully counterclockwise.

GENESCOPE CONDITION
Frequency .... 10.7 MHz


IF GENESCOPE
Out
In
(TP101)
(TP201)
(TP302)
(TP202)
UNIT

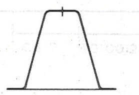


Fig. 1

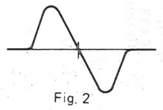


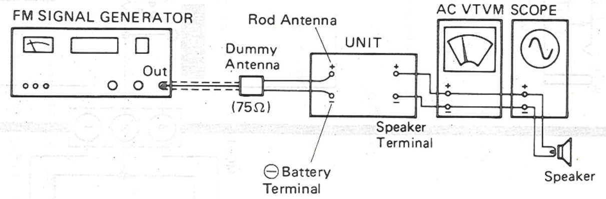
Fig. 2

FM-RF ALIGNMENT

1. Test equipment connection is shown in figure.
2. Place unit into FM position.
3. Place the radio dial and signal generator setting to **87.4 MHz.**
4. Adjust **L101** and **L102** for maximum output
5. Place the radio dial and signal generator setting to **108.7 MHz.**
6. Adjust **CT101** and **CT102** for maximum output.
7. Repeat steps 3 ~ 6.

Note: As three output reading will be present, adjustments must be made at center frequency.

FM SIGNAL GENERATOR CONDITION
Modulation 30%
Modulation Frequency .... 400 Hz


OSCILLO-SCOPE
AC VTVM
FM SIGNAL GENERATOR
Rod Antenna
UNIT
Dummy Antenna
Out
(75Ω)
Speaker Terminal
⊖Battery Terminal
Speaker

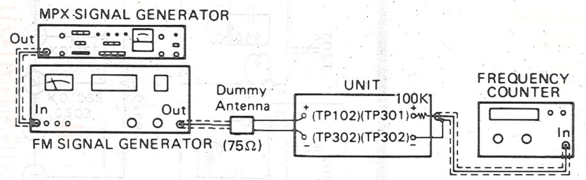
MEASUREMENTS AND ADJUSTMENT

■ Radio

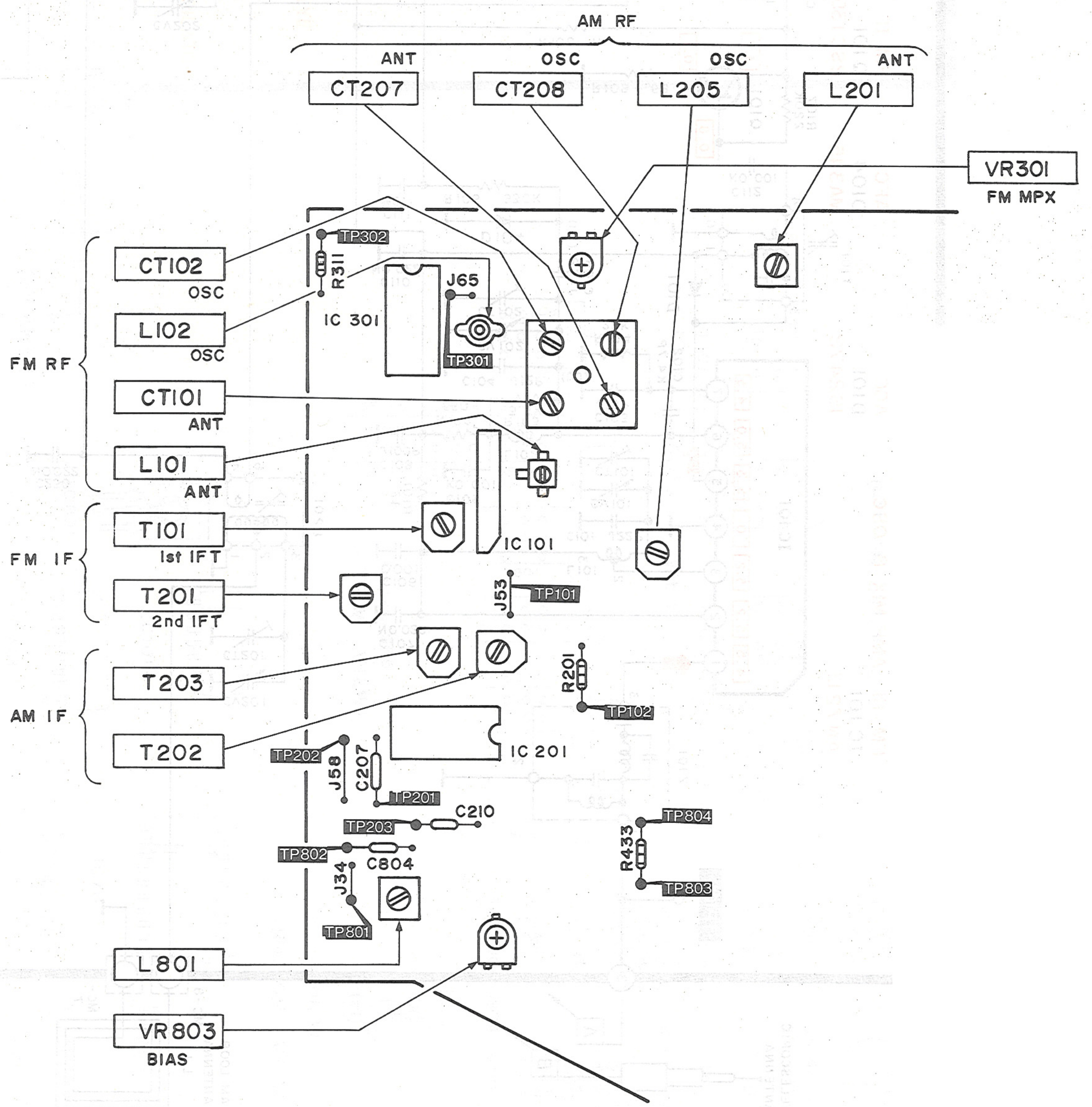
FM STEREO ALIGNMENT (FREE RUN)

1. Test equipment connection is shown in figure.
2. Place unit into FM AUTO position.
3. Place the radio dial and signal generator setting to **98 MHz.**
4. Adjust **VR301** for **19 kHz** ±**50 Hz** on frequency counter reading.
5. Tune a stereo broadcast and confirm the frequency stays at **19 kHz.**

STEREO SIGNAL GENERATOR CONDITION
Modulation 0%
Pilot 9%
FM SIGNAL GENERATOR CONDITION
Output Level .... 60 dB


MPX SIGNAL GENERATOR
Out
In
Out
FM SIGNAL GENERATOR
Dummy Antenna
(75Ω)
UNIT
100K
(TP102)(TP301)
(TP302)(TP302)
FREQUENCY COUNTER
In

ADJUSTMENT POINTS

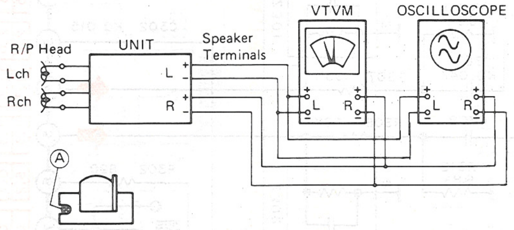

AM RF
ANT
CT207
OSC
CT208
OSC
L205
ANT
L201
VR301
FM MPX
FM RF
CT102
OSC
L102
OSC
CT101
ANT
L101
ANT
FM IF
T101
1st IFT
T201
2nd IFT
AM IF
T203
T202
L801
VR803
BIAS
TP302
R311
IC 301
J65
TP301
IC 101
J53
TP101
R201
TP102
TP202
J58
C207
IC 201
TP201
C210
TP203
TP802
C804
J34
TP801
TP804
R433
TP803

MEASUREMENTS AND ADJUSTMENT

■ Tape

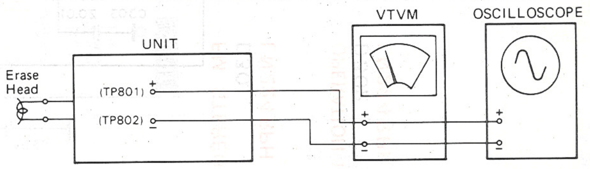
HEAD AZIMUTH ALIGNMENT

1. Test equipment connection is shown in figure.
2. Playback test tape QZZCAC. (10 kHz, −20 dB)
3. Adjust screw Ⓐ for maximum indication for equal output on both channels.
4. After alignment, lock the head adjust screw Ⓐ with lacquer.

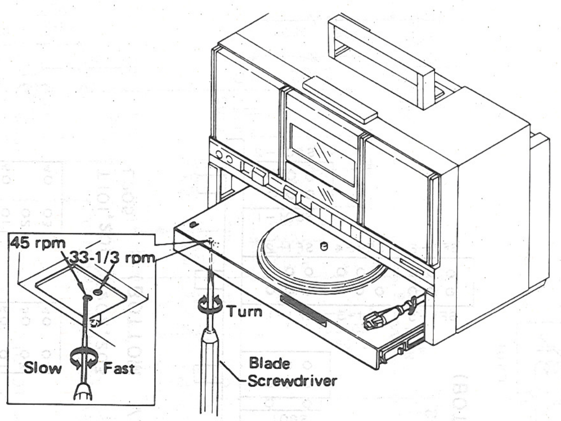


ERASE BIAS ALIGNMENT

1. Test equipment connection is shown in figure.
2. Place unit into TAPE position.
3. Place cassette deck into recording mode.
4. Adjust **VR803** for **10.5V ±0.5V** on VTVM.



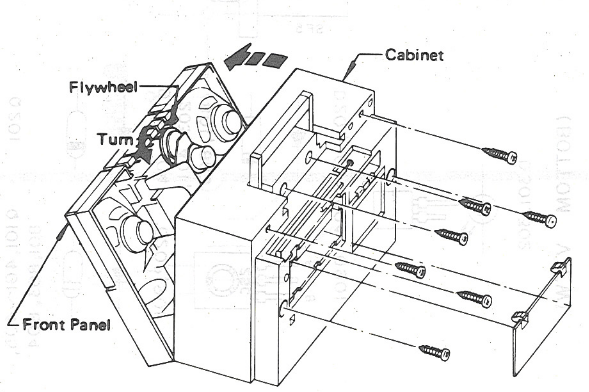
PHONO MOTOR SPEED ADJUSTMENT



TAPE DECK SERVICE AID

When the cassette tape is caught around the capstan shaft:

Remove 7 screws on the cabinet, and open the front panel, then turn the flywheel counterclockwise.



REPLACEMENT PARTS LIST

Notes:

1. Parts No. listed in this Parts List are Service Parts.
   Please use this part number for parts orders.
2. Important safety notice:
   Components identified by ⚠ marke have special characteristics important fo safety. When replacing any of these components, use only manufacturer's specified parts.
3. The "S" mark is service standard parts and may differ from production parts.

● RESISTOR PARTS

Numbering System of Resister

Type	Wattage	Tolerance	Value
Three Letters	One or Two Letters	Two or Three Letters	Three or Four Letters

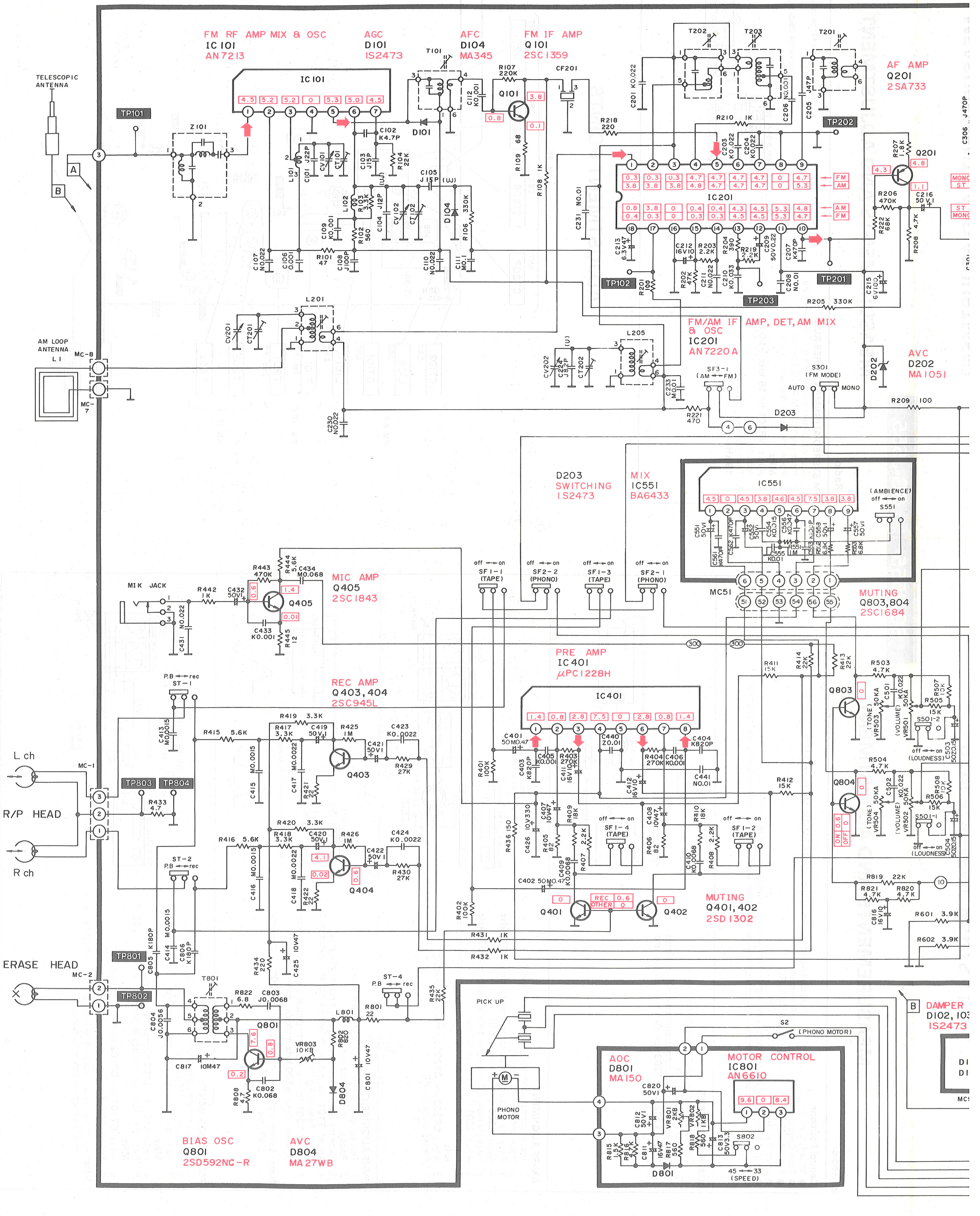
Example

ERD	25	TJ	101

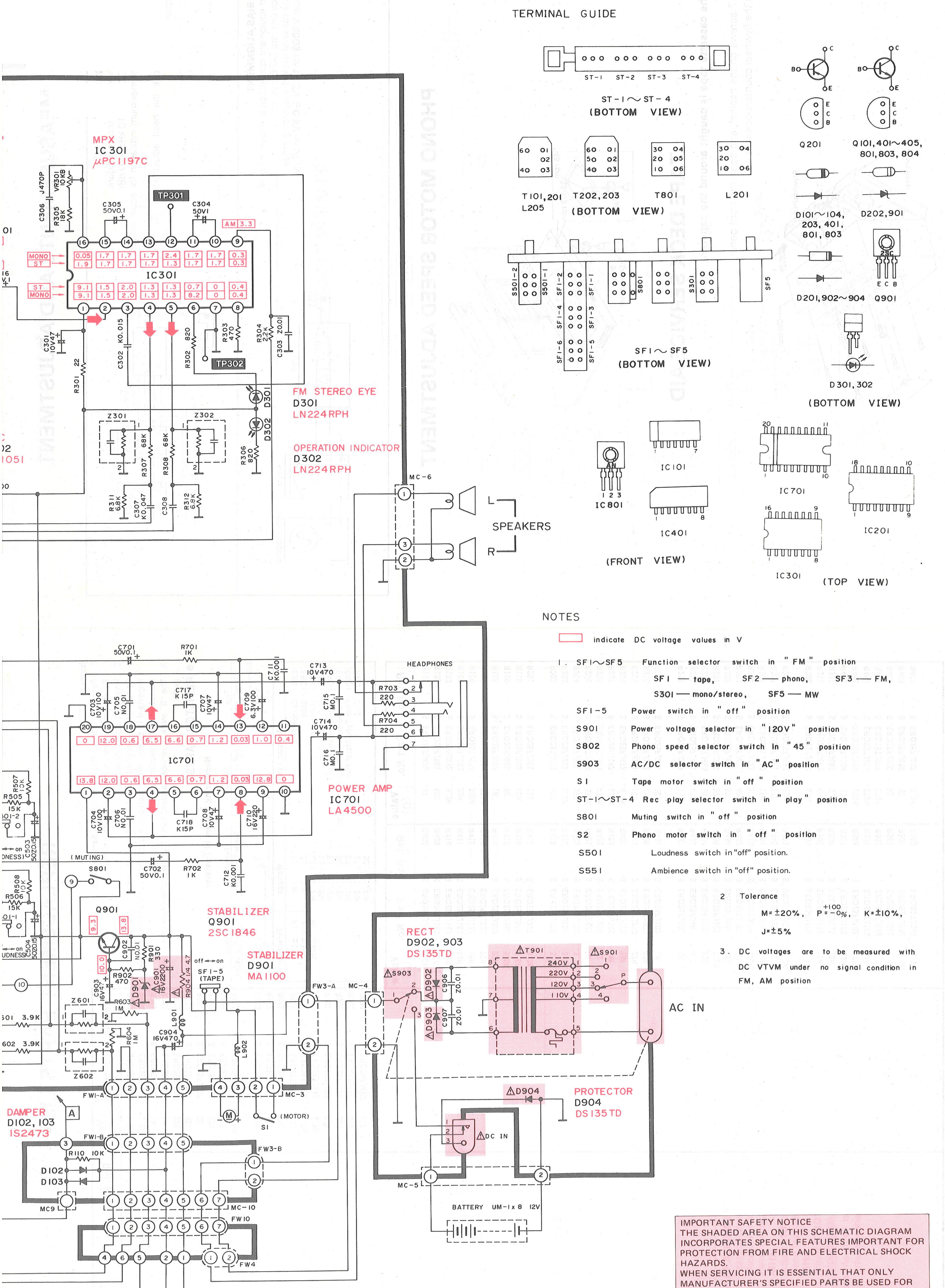
Resistor Type	Wattage	Tolerance
ERD: Carbon Film	1: 1W	F: ±1%
ERC: Solid	2: 2W	J: ±5%
ERX: Metal Film	12: 1/2W	K: ±10%
ERG: Metal Oxide Film	18: 1/8W	
ERO: High Stability Metal Film	25: 1/4W	
ERF: Flaneproof Wire-Wound Bath-Tube	50: 1/2W	
ERQ: Fuse Type Metal Film	2F: 1/4W	
RRD: Chip	S1: 1/2W	
	S2: 1/4W	

Ref. No.	Part No.	Value (Ω)
R101	S ERD25FJ470	47
R102	S ERD25FJ561	560
R103	S ERD25FJ332	3.3K
R104	S ERD25TJ223	22K
R106	S ERD25TJ334	330K
R107	S ERD25TJ224	220K
R108	S ERD25FJ102	1K
R109	S ERD25FJ680	68
R110	S ERD25FJ103	10K
R201	S ERD25FJ101	100
R202	S ERD25TJ473	47K
R203	S ERD25FJ222	2.2K
R204	S ERD25FJ391	390
R205	S ERD25TJ334	330K
R206	S ERD25TJ474	470K
R207	S ERD25FJ182	1.8K
R208	S ERD25FJ472	4.7K
R209	S ERD25FJ101	100
R210	S ERD25FJ102	1K
R218	S ERD25FJ221	220
R219	S ERD25FJ222	2.2K
R221	S ERD25FJ471	470
R222	S ERD25TJ683	68K
R301	S ERD25FJ220	22
R302	S ERD25FJ821	820
R303	S ERD25FJ471	470
R304	S ERD25FJ222	2.2K
R305	S ERD25TJ183	18K
R306	S ERD25FJ821	820
R307	S ERD25TJ683	68K
R308	S ERD25TJ683	68K
R311	S ERD25FJ682	6.8K
R312	S ERD25FJ682	6.8K
R401	S ERD25TJ104	100K
R402	S ERD25TJ104	100K
R403	S ERD25TJ274	270K
R404	S ERD25TJ274	270K
R405	S ERD25FJ820	82
R406	S ERD25FJ820	82
R407	S ERD25FJ222	2.2K
R408	S ERD25FJ222	2.2K
R409	S ERD25TJ183	18K
R410	S ERD25TJ183	18K
R411	S ERD25TJ153	15K
R412	ERD25TJ153	15K
R413	ERD25TJ223	22K
R414	S ERD25TJ223	22K
R415	S ERD25FJ562	5.6K
R416	S ERD25FJ562	5.6K
R417	S ERD25FJ332	3.3K
R418	S ERD25FJ332	3.3K
R419	S ERD25FJ332	3.3K
R420	S ERD25FJ332	3.3K
R421	S ERD25FJ220	22
R422	S ERD25FJ220	22
R425	S ERD25TJ105	1M
R426	S ERD25TJ105	1M
R429	S ERD25TJ273	27K
R430	S ERD25TJ273	27K
R431	S ERD25FJ102	1K
R432	S ERD25FJ102	1K
R433	S ERD25FJ4R7	4.7
R434	S ERD25FJ221	220
R435	S ERD25FJ222	2.2K
R436	S ERD25FJ151	150
R442	S ERD25FJ102	1K
R443	S ERD25TJ474	470K
R444	S ERD25FJ562	5.6K
R445	S ERD25FJ120	12
R503	S ERD25FJ472	4.7K
R504	S ERD25FJ472	4.7K
R505	S ERD25TJ153	15K
R506	S ERD25TJ153	15K
R507	S ERD25FJ103	10K
R508	S ERD25FJ103	10K
R551	ERDS2TJ105	1M
R552	ERDS2TJ682	6.8K
R553	ERDS2TJ682	6.8K
R601	ERDS2TJ392	3.9K
R602	ERDS2TJ392	3.9K
R603	ERD25TJ105	1.5M
R604	ERD25TJ105	1.5M
R701	S ERD25FJ102	1K
R702	S ERD25FJ102	1K
R703	S ERD25FJ221	220
R704	S ERD25FJ221	220
R801	S ERD25FJ220	22
R802	S ERD25FJ821	820
R808	S ERD25FJ4R7	4.7
R815	S ERD25FJ152	1.5K
R816	S ERD25FJ472	4.7K
R817	S ERD25FJ561	560
R818	S ERD25FJ561	560
R819	S ERD25TJ223	22K
R820	S ERD25FJ472	4.7K
R821	S ERD25FJ472	4.7K
R822	S ERD25FJ6R8	6.8
R901	S ERD25FJ331	330
R902	S ERD25FJ471	470
R904	S ERD25FJ4R7	4.7

SCHEMATIC DIA


TELESCOPIC ANTENNA
TP101
Z101
FM RF AMP MIX & OSC
IC101
AN7213
AGC
D101
IS2473
AFC
D104
MA345
FM IF AMP
Q101
2SC1359
T101
CF201
T202
T203
T201
AF AMP
Q201
2SA733
TP202
IC201
TP102
TP203
TP201
FM/AM IF AMP, DET, AM MIX & OSC
IC201
AN7220A
AVC
D202
MA1051
AM LOOP ANTENNA
L1
MC-8
MC-7
L201
L205
SF3-1 (AM ↔ FM)
S301 (FM MODE)
AUTO
MONO
D203
D203 SWITCHING IS2473
MIX
IC551
BA6433
(AMBIENCE) off ↔ on
S551
MC51
MUTING
Q803,804
2SC1684
MIK JACK
MIC AMP
Q405
2SC1843
SF1-1 (TAPE)
SF2-2 (PHONO)
SF1-3 (TAPE)
SF2-1 (PHONO)
PRE AMP
IC401
μPC1228H
REC AMP
Q403,404
2SC945L
P.B ↔ rec
ST-1
ST-2
L ch
R/P HEAD
R ch
MC-1
TP803
TP804
Q403
Q404
Q803
Q804
(TONE)
(VOLUME)
(LOUDNESS)
SF1-4 (TAPE)
SF1-2 (TAPE)
Q401
Q402
MUTING
Q401,402
2SD1302
REC
OTHER
ERASE HEAD
MC-2
TP801
TP802
T801
Q801
VR803 10KB
ST-4
L801
D804
BIAS OSC
Q801
2SD592NC-R
AVC
D804
MA27WB
PICK UP
PHONO MOTOR
S2 (PHONO MOTOR)
AOC
D801
MA150
MOTOR CONTROL
IC801
AN6610
S802
45 ↔ 33 (SPEED)
D801
DAMPER
D102,103
IS2473

DIAGRAM


TERMINAL GUIDE
ST-1 ST-2 ST-3 ST-4
ST-1 ~ ST-4 (BOTTOM VIEW)
T101,201 L205
T202,203 (BOTTOM VIEW)
T801
L201
SF1 ~ SF5 (BOTTOM VIEW)
S501-2 S501-1 SF1-2 SF1-1 S801 S301 SF5 SF1-4 SF1-3 SF1-6 SF1-5
Q201
Q101,401~405, 801,803,804
D101~104, 203, 401, 801, 803
D202,901
D201,902~904
Q901
D301,302 (BOTTOM VIEW)
IC801
IC101
IC401
(FRONT VIEW)
IC701
IC201
IC301
(TOP VIEW)
MPX
IC301
μPC1197C
TP301
TP302
MONO
ST
FM STEREO EYE
D301
LN224RPH
OPERATION INDICATOR
D302
LN224RPH
MC-6
SPEAKERS
L
R
HEADPHONES
R703 220
R704 220
POWER AMP
IC701
LA4500
(MUTING)
S801
STABILIZER
Q901
2SC1846
STABILIZER
D901
MA1100
SF1-5 (TAPE)
off → on
FW3-A
MC-4
RECT
D902, 903
DS135TD
S903
T901
S901
240V
220V
120V
110V
AC IN
PROTECTOR
D904
DS135TD
DC IN
MC-5
BATTERY UM-1 x 8 12V
(MOTOR)
S1
MC-3
FW1-A
FW1-B
FW3-B
DAMPER
D102, 103
1S2473
D102
D103
MC9
MC-10
FW10
FW4
Z301
Z302
Z601
Z602

NOTES

▭ indicate DC voltage values in V

1. SF1~SF5 Function selector switch in "FM" position

SF1 — tape, SF2 — phono, SF3 — FM,

S301 — mono/stereo, SF5 — MW

SF1-5 Power switch in "off" position

S901 Power voltage selector in "120V" position

S802 Phono speed selector switch in "45" position

S903 AC/DC selector switch in "AC" position

S1 Tape motor switch in "off" position

ST-1~ST-4 Rec play selector switch in "play" position

S801 Muting switch in "off" position

S2 Phono motor switch in "off" position

S501 Loudness switch in "off" position.

S551 Ambience switch in "off" position.

2 Tolerance

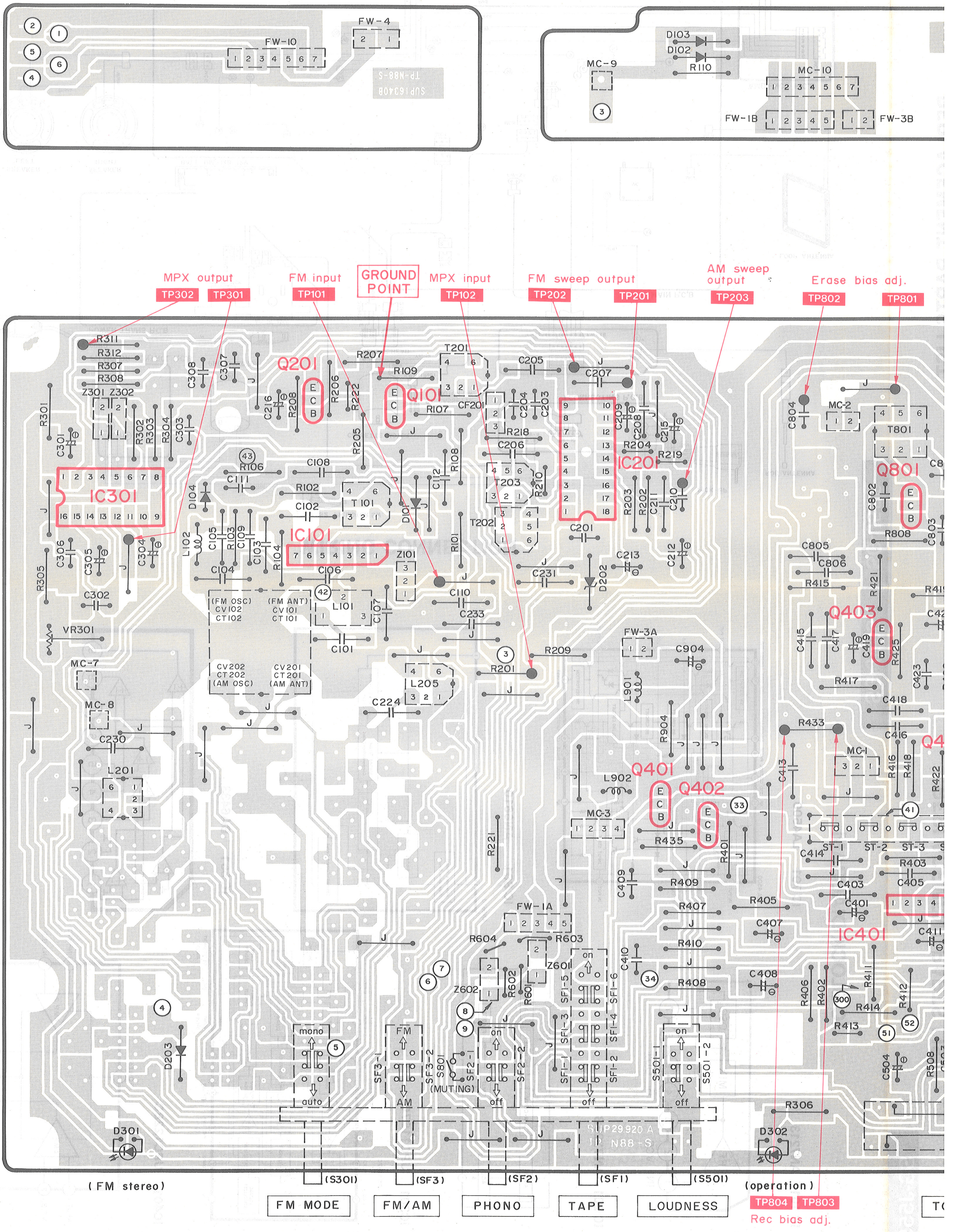
M=±20%, P=$^{+100}_{-0}$%, K=±10%,

J=±5%

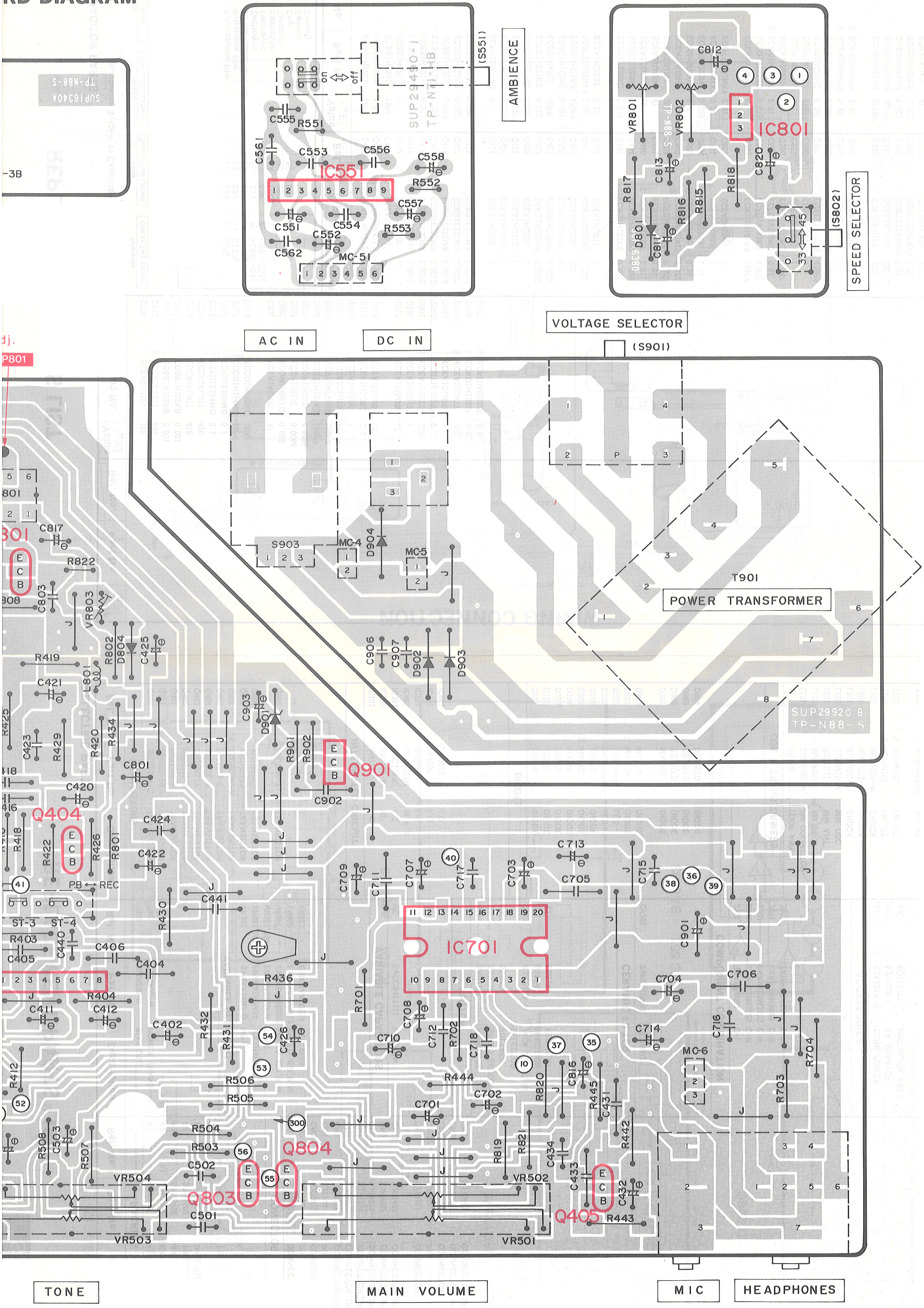
3. DC voltages are to be measured with DC VTVM under no signal condition in FM, AM position

IMPORTANT SAFETY NOTICE
THE SHADED AREA ON THIS SCHEMATIC DIAGRAM INCORPORATES SPECIAL FEATURES IMPORTANT FOR PROTECTION FROM FIRE AND ELECTRICAL SHOCK HAZARDS.
WHEN SERVICING IT IS ESSENTIAL THAT ONLY MANUFACTURER'S SPECIFIED PARTS BE USED FOR THE CRITICAL COMPONENTS IN THE SHADED AREAS OF THE SCHEMATIC.

CIRCUIT BOARD D


FW-10
FW-4
SUP16340B
TP-N88-S
D103
D102
R110
MC-9
MC-10
FW-1B
FW-3B
MPX output
TP302
TP301
FM input
TP101
GROUND POINT
MPX input
TP102
FM sweep output
TP202
TP201
AM sweep output
TP203
Erase bias adj.
TP802
TP801
Q201
Q101
IC301
IC101
IC201
Q801
Q403
Q401
Q402
IC401
T101
T201
T202
T203
T801
L101
L102
L201
L205
L901
L902
Z101
Z301
Z302
Z601
Z602
VR301
MC-1
MC-2
MC-3
MC-7
MC-8
FW-1A
FW-3A
(FM OSC) CV102 CT102
(FM ANT) CV101 CT101
CV202 CT202 (AM OSC)
CV201 CT201 (AM ANT)
mono
auto
FM
AM
on
off
(MUTING)
S801
SF3-1
SF3-2
SF2-1
SF2-2
SF1-1
SF1-2
SF1-3
SF1-4
SF1-5
SF1-6
S501-1
S501-2
ST-1
ST-2
ST-3
SUP29920 A
TP N88-S
D301
D302
D203
D202
D104
D101
(FM stereo)
(S301)
(SF3)
(SF2)
(SF1)
(S501)
(operation)
FM MODE
FM/AM
PHONO
TAPE
LOUDNESS
TP804
TP803
Rec bias adj.

RD DIAGRAM


SUP16340A
TP-N88-S
-3B
AMBIENCE
(S551)
on
off
SUP29490-I
TP-N11-HB
IC551
C555
R551
C561
C553
C556
C558
R552
C557
C551
C554
R553
C552
C562
MC-51
IC801
C812
VR801
VR802
S-88N-dL
C813
C820
R817
R816
R815
R818
D801
C811
SPEED SELECTOR
(S802)
45
33
VOLTAGE SELECTOR
(S901)
AC IN
DC IN
S903
MC-4
D904
MC-5
C906
C907
D902
D903
T901
POWER TRANSFORMER
SUP29920 B
TP-N88-S
Adj.
P801
801
C817
R822
C803
VR803
R808
R419
R802
D804
C425
C421
L801
R425
C423
R429
R420
R434
C903
D901
R901
R902
Q901
C902
C801
C420
Q404
C424
R418
R422
R426
R801
C422
PB ↔ REC
ST-3
ST-4
C441
R430
R403
C440
C406
C405
C404
R436
R404
C411
C412
C402
R432
R431
C426
R506
R505
R504
R503
C502
Q804
Q803
C501
VR504
VR503
R412
R508
C503
R507
C709
C711
C707
C717
C703
C713
C705
C715
IC701
C901
C704
C706
R701
C708
C710
C712
R702
C718
C714
C716
R704
R703
MC-6
R444
C702
C701
R820
C816
R445
C431
R442
R819
R821
C434
C433
C432
Q405
R443
VR502
VR501
TONE
MAIN VOLUME
MIC
HEADPHONES

REPLACEMENT PARTS LIST

● CAPACITOR PARTS

Numbering System of Capacitor

Type	Voltage	Value	Tolerance
Four Letters	One or Two Letters	Two or Five Letters	One or Two Letters
Example E C K D	1 H	3 3 3	M D

Capacitor Type	Voltage	Tolerance
ECCD: Temperature Compensating Ceramic	KC: 400V	C: ±0.25pF
ECKD: High dielectric Constant Ceramic	OJ: 6.3V	D: ±0.5pF
ECQM: Polyester	1A: 10V	F: ±1pF
ECQP: Polypropylene Film	1C: 16V	J: ±5%
ECQS: Polystylene Film	1E: 25V	K: ±10%
ECFD: Semiconductor Ceramic	1V: 35V	M: ±20%
ECEA: Electrolytic	1H: 50V	P: +100, −0%
ECEB: Electrolytic	1J: 63V	Z: +80, −20%
ECET: Electrolytic	2A: 100V	
ECSF: Tantalum	25: 25V	
ECUX: Chip	50: 50V	
ECBS: Ceramic		
ECBT: Ceramic		

Ref. No.	Part No.	Value (μF)
C101	ECBS1H220J	22PF
C102	ECBS1H4R7K	4.7
C103	ECBS1H150J	15PF
C104	ECBS1H120JU	12
C105	ECBS1H150J	15PF
C106	ECBS1H102KB	0.001
C107	ECBT1C223NY	0.022
C108	ECBS1H101J	100PF
C109	ECBS1H102KB	0.001
C110	ECBT1C223NY	0.022
C111	ECFD1E104MD	0.1
C112	ECBS1H102KB	0.001
C201	ECFD1V223KD	0.022
C203	ECFD1V223KD	0.022
C204	ECFD1V223KD	0.022
C205	ECBS1H470J	47PF
C206	ECBS1H102KB	0.001
C207	ECBS1H471KB	470PF
C208	ECBT1E103NXY	0.01
C209	ECEA1HUR22	0.22
C210	ECFD1V333KD	0.033
C211	ECBT1C223NY	0.022
C212	ECEA1CU100	10
C213	ECEA0JU470	47
C215	ECEA0JU101	100
C216	ECEA1HU010	1
C224	ECBS1H8R2KUY	8.2
C230	ECBT1C223NY	0.022
C231	ECBT1E103NXY	0.01
C233	ECBT1E103NXY	0.01
C301	ECEA1AU470	47
C302	ECFD1V153KD	0.015
C303	S ECKD1H103ZF	0.01
C304	ECEA1HU010	1
C305	ECEA1HU0R1	0.1
C306	ECQP1471JZ	470PF
C307	ECFD1V473KD	0.047
C308	ECFD1V473KD	0.047
C401	S ECEA50MR47R	0.47
C402	S ECEA50MR47R	0.47
C403	ECBS1H821KB	820PF
C404	ECBS1H821KB	820PF
C405	ECBS1H102KB	0.001
C406	ECBS1H102KB	0.001
C407	ECEA1AU470	47
C408	ECEA1AU470	47
C409	ECKD1H682KB	0.0068
C410	ECKD1H682KB	0.0068
C411	ECEA1CU100	10
C412	ECEA1CU100	10
C413	ECBS1E152MX	0.0015
C414	ECBS1E152MX	0.0015
C415	ECBS1E152MX	0.0015
C416	ECBS1E152MX	0.0015
C417	ECBS1E222MX	0.0022
C418	ECBS1E222MX	0.0022
C419	ECEA1HU010	1
C420	ECEA1HU010	1
C421	ECEA1HU010	1
C422	ECEA1HU010	1
C423	ECKD1H222KB	0.0022
C424	ECKD1H222KB	0.0022
C425	ECEA1AU470	47
C426	ECEA1AU331	330
C431	ECBT1C223NY	0.022
C432	ECEA1HU010	1
C433	ECBS1H102KB	0.001
C434	ECFD1E683MD	0.068
C440	S ECKD1H103ZF	0.01
C441	ECBT1E103NXY	0.01
C501	ECFD1V223KD	0.022
C502	ECFD1V223KD	0.022
C503	ECEA50ZR15	0.15
C504	ECEA50ZR15	0.15
C551	ECEA1HU010	1
C552	ECEA1HU010	1
C553	ECKD1H101KB	100PF
C554	ECFD1V153KD	0.015
C555	ECFD1V103KD	0.01
C556	ECFD1V473KD	0.047
C557	ECEA1HU010	1
C558	ECEA1HU010	1
C561	ECKD1H471KB	470PF
C562	ECKD1H471KB	470PF
C701	ECEA1HU0R1	0.1
C702	ECEA1HU0R1	0.1
C703	ECEA1AU100	100
C704	ECEA1AU100	100
C705	ECBT1E103NXY	0.01
C706	ECBT1E103NXY	0.01
C707	ECEA1AU470	47
C708	ECEA1AU470	47
C709	ECEA0JU101	100
C710	S ECEA1CS221	220
C711	ECBS1H102KB	0.001
C712	ECBS1H102KB	0.001
C713	ECEA1AU471	470
C714	ECEA1AU471	470
C715	ECFD1E104MD	0.1
C716	ECFD1E104MD	0.1
C717	ECCD1H150KC	15PF
C718	ECCD1H150KC	15PF
C801	ECEA1AU470	47
C802	ECQM1H683JZ	0.068
C803	ECQP1682JZ	0.0068
C804	ECQP1562JZ	0.0056
C805	ECBS1H181KB	180PF
C806	ECBS1H181KB	180PF
C811	ECEA1CU470	47
C812	ECEA1HU010	1
C813	ECEA1HU3R3	3.3
C816	ECEA1CU100	10
C817	ECEA10M47R	47
C820	ECEA1HU010	1
C901	S ECEA1CS222	2200
C902	ECBT1E103NXY	0.01
C903	ECEA1CU470	47
C904	S ECEA1CS471	470
C906	S ECKD1H103ZF	0.01
C907	S ECKD1H103ZF	0.01

REPLACEMENT PARTS LIST

●ELECTRIC PARTS

TRANSISTORS

Ref. No.	Part No.	Description
Q101	2SC1359A-C	TRANSISTOR
Q201	2SA733-P1	TRANSISTOR
Q401	2SD1302-R	TRANSISTOR
Q402	2SD1302-R	TRANSISTOR
Q403	S 2SC945L-P	TRANSISTOR
Q404	S 2SC945L-P	TRANSISTOR
Q405	2SC1843-F	TRANSISTOR
Q801	S 2SD592NC-R	TRANSISTOR
Q803	2SC1684RS	TRANSISTOR
Q804	2SC1684RS	TRANSISTOR
Q901	2SC1846-T	TRANSISTOR

INTEGRATED CIRCUIT

Ref. No.	Part No.	Description
IC101	AN7213	I.C
IC201	AN7220-A	IC
IC301	UPC1197C	I.C.
IC401	UPC1228H	M.P.X
IC551	BA6433	I.C
IC701	LA4500	I.C.
IC801	AN6610	I.C

DIODES

Ref. No.	Part No.	Description
D101	1S2473	DIODE
D102	1S2473	DIODE
D103	1S2473	DIODE
D104	MA345	DIODE
D202	S MA1051	DIODE
D203	1S2473	DIODE
D301	LN224RPH	LED
D302	LN224RPH	LED
D801	S MA162A	DIODE
D804	MA27W	DIODE
D901	MA1100	DIODE
D902	DS135TD	DIODE
D903	DS135TD	DIODE
D904	DS135TD	DIODE

COIL & TRANSFORMERS

Ref. No.	Part No.	Description
L1	SSA12	LOOP ANT
L101	SLD4N22-M	FM COLLECTOR
L102	SL04P26-Z	FM OSC
L201	SLA2B12-Z	MW ANT
L205	SL02M10-M	MW OSC
L801	SLQU222-2Y	CHOCK
L901	SLQU270-4Y	CHOCK
L902	SLQU270-4Y	CHOCK
T101	S RLI4M101	FM IFT
T102	S RLI4M101	FM IFT
T202	SLI9M102-M	FM IFT
T203	SLI9M202-M	FM IFT
T801	SL09Z38-K	BIAS OSC
T901	SLT5K52-W	POWER TRANS

VARIABLE RESISTORS

Ref. No.	Part No.	Description
VR301	SVNAA14B2-Q	MPX
VR501,502	EWANA1X05A54	VOLUME
VR503,504	EWAMA0X05A54	TONE
VR801	EVNK6AA00B23	SPEED 33R.P.M
VR802	EVNK6AA00B13	SPEED 45R.P.M
VR803	EVNJ1AA00B14	REC BIAS

VARIABLE CAPACITORS

Ref. No.	Part No.	Description
VC	SVCCB41T111	VARICON

SWITCH

Ref. No.	Part No.	Description
S551	SSH1194	AMBIENCE
S802	SSS138	SPEED SELECTOR
S901	SSR224	VOLTAGE SELECTOR
S903	RJJ1F1ZA-H	JACK,AC/DC IN
SF	SSH642	FUNCTION
ST	SSS144	REC/PLAY

CERAMIC FILTER

Ref. No.	Part No.	Description
CF201	SVFE107MA5	10.7MHZ

COMPONENT COMBINATION

Ref. No.	Part No.	Description
Z101	RXAPFWB0	C-L
Z301	EXRP223M332S	C-R
Z302	EXRP223M332S	C-R
Z601	EXRP470K684S	C-R
Z602	EXRP470K684S	C-R

ACCESSORIES

Ref. No.	Part No.	Description
A1	⚠ RJA22YA-K	CORD,POWER
A2	SJY5018-1	EP ADAPTOR
A4	SQF12317	INST BOOK ASS'Y

PACKING

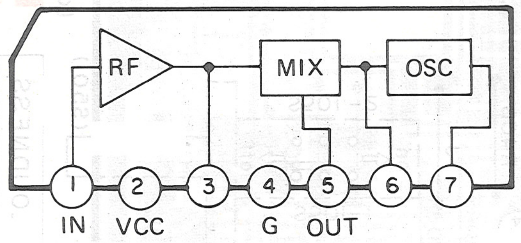
Ref. No.	Part No.	Description
P1	SPP234	SET BAG
P2	SPG5196	CARTON BOX
P3	SPN5498	PAD,SIDE (LEFT)
P4	SPN5500	PAD,SIDE (RIGHT)
P5	SPN5522	PAD,FRONT

CONECTOR

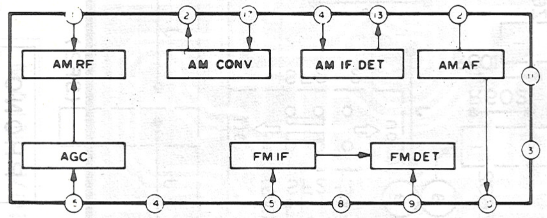
Ref. No.	Part No.	Description
CN1	SJS5331	CONNECTOR,3P
CN2	SJT783	PIN
CN3	SJS9412	CONNECTOR,4P
CN4	SJT744	PIN
CN5	SJS9308	CONNECTOR,3P
CN6	SJS9222	CONNECTOR,2P
CN7	SJS9104	CONNECTOR,1P
CN8	SJP9220	CONNECTOR,2P
CN9	SJP9302	CONNECTOR,3P
CN10	SJP9402	CONNECTOR,4P
CN11	SJT3321	CONNECTOR
CN12	SJT231	PIN
CN13	SJS5629	CONNECTOR
CN14	SJS5707	CONNECTOR,7P
CN14	SJT3611	CONNECTOR,6P

IC BLOCK DIAGRAM

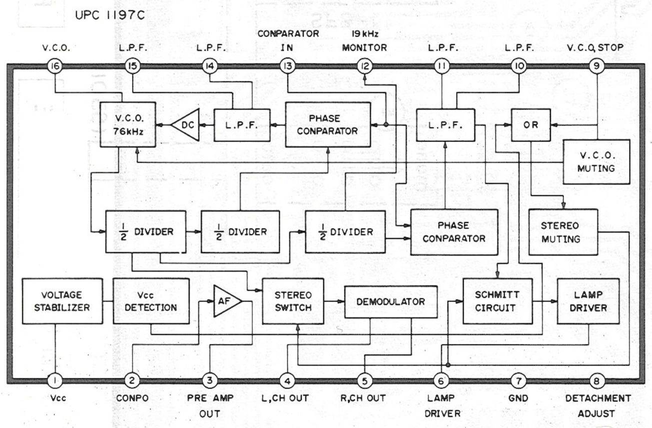
IC 101 AN7213


RF
MIX
OSC
1
2
3
4
5
6
7
IN
VCC
G
OUT

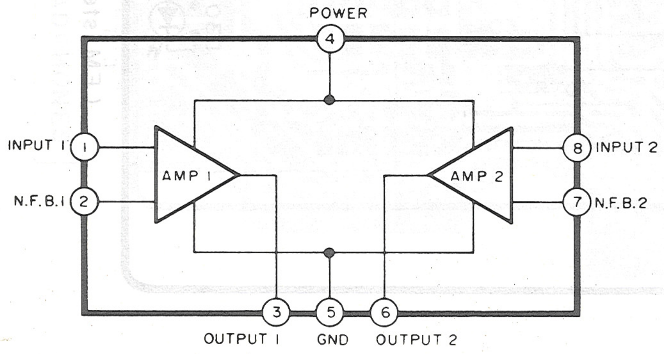
IC 201 AN7220B


AM RF
AM CONV
AM IF DET
AM AF
AGC
FM IF
FM DET

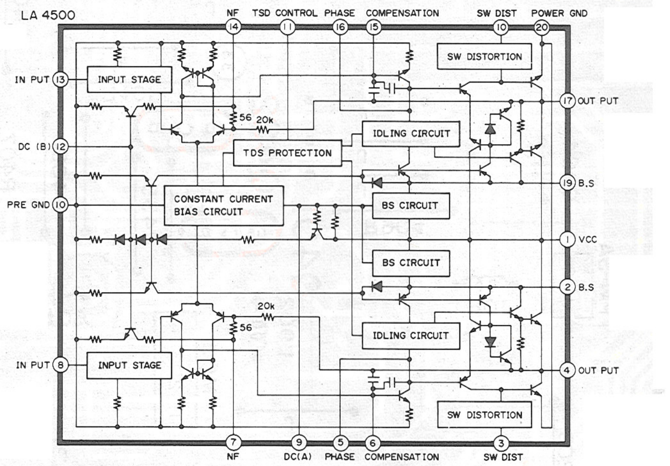
IC301 UPC1197C


UPC 1197C
V.C.O.
L.P.F.
L.P.F.
COMPARATOR IN
19kHz MONITOR
L.P.F.
L.P.F.
V.C.O. STOP
16
15
14
13
12
11
10
9
V.C.O. 76kHz
DC
L.P.F.
PHASE COMPARATOR
L.P.F.
OR
V.C.O. MUTING
½ DIVIDER
½ DIVIDER
½ DIVIDER
PHASE COMPARATOR
STEREO MUTING
VOLTAGE STABILIZER
Vcc DETECTION
AF
STEREO SWITCH
DEMODULATOR
SCHMITT CIRCUIT
LAMP DRIVER
1
2
3
4
5
6
7
8
Vcc
COMPO
PRE AMP OUT
L,CH OUT
R,CH OUT
LAMP DRIVER
GND
DETACHMENT ADJUST

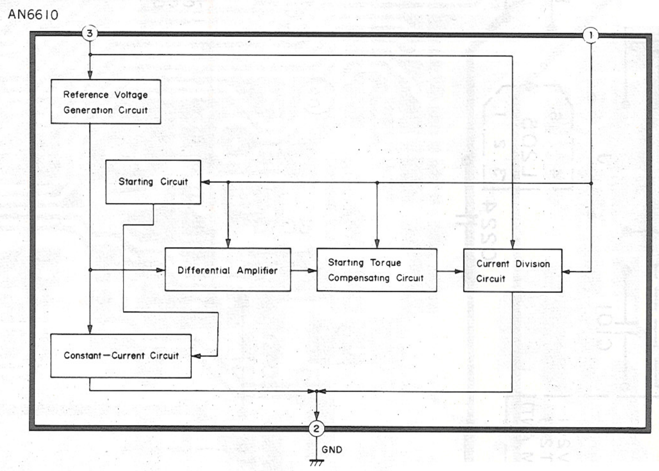
IC401 UPC1228C


POWER
4
INPUT 1
1
N.F.B.1
2
AMP 1
AMP 2
8
INPUT 2
7
N.F.B.2
3
5
6
OUTPUT 1
GND
OUTPUT 2

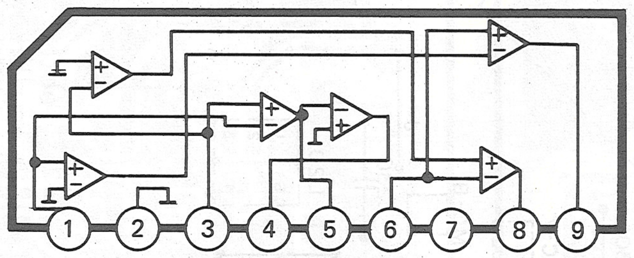
IC 701 LA4500


LA 4500
NF
TSD CONTROL
PHASE
COMPENSATION
SW DIST
POWER GND
14
11
16
15
10
20
IN PUT 13
DC (B) 12
PRE GND 10
IN PUT 8
INPUT STAGE
INPUT STAGE
TDS PROTECTION
CONSTANT CURRENT BIAS CIRCUIT
SW DISTORTION
IDLING CIRCUIT
BS CIRCUIT
BS CIRCUIT
IDLING CIRCUIT
SW DISTORTION
56
20k
17 OUT PUT
19 B.S
1 VCC
2 B.S
4 OUT PUT
7
9
5
6
3
NF
DC(A)
PHASE
COMPENSATION
SW DIST

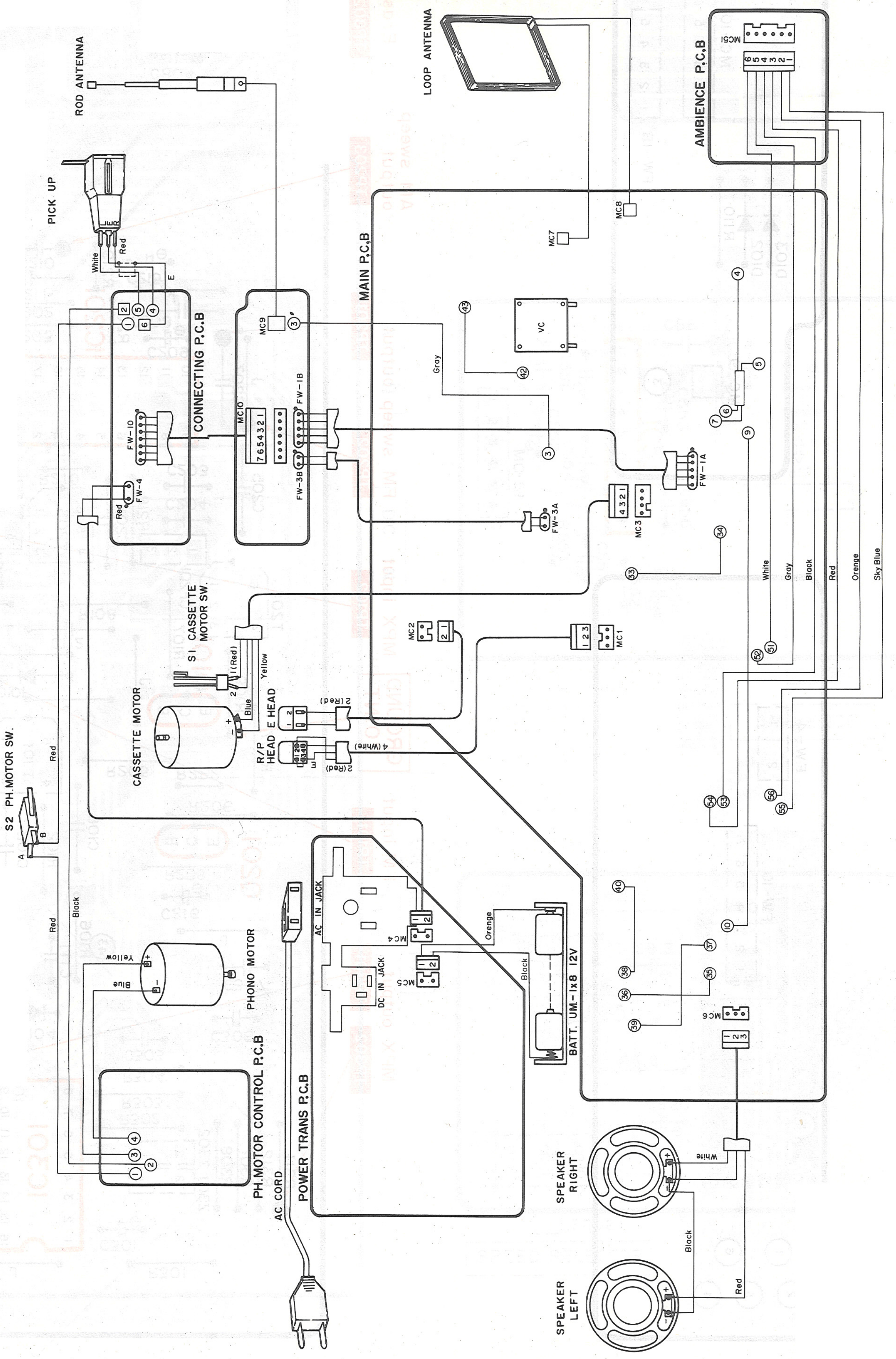
IC 801 AN6610


AN6610
3
1
Reference Voltage Generation Circuit
Starting Circuit
Differential Amplifier
Starting Torque Compensating Circuit
Current Division Circuit
Constant-Current Circuit
2
GND

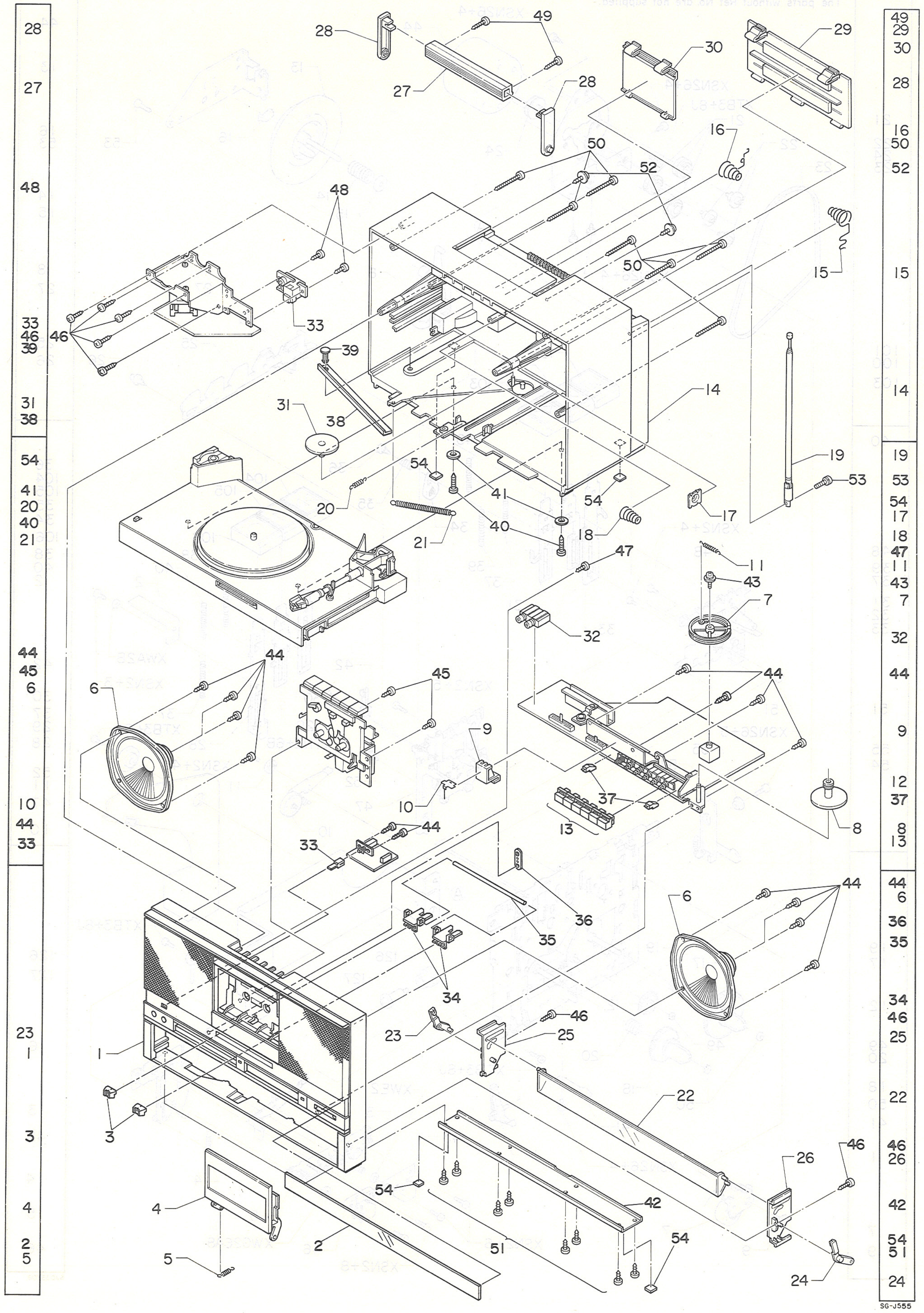
IC 551 BA6433



WIRING CONNECTION


ROD ANTENNA
PICK UP
White
Red
E
CONNECTING P.C.B
MC9
FW-10
FW-4
Red
MC10
FW-1B
FW-3B
LOOP ANTENNA
AMBIENCE P.C.B
MC7
MC8
MAIN P.C.B
VC
Gray
FW-1A
FW-3A
MC3
MC2
MC1
S1 CASSETTE MOTOR SW.
Yellow
Blue
CASSETTE MOTOR
R/P HEAD
E HEAD
2 (Red)
4 (White)
S2 PH.MOTOR SW.
Red
Black
Yellow
Blue
PHONO MOTOR
AC IN JACK
DC IN JACK
MC4
MC5
Orange
Black
BATT. UM-1x8 12V
MC6
PH.MOTOR CONTROL P.C.B
POWER TRANS P.C.B
AC CORD
SPEAKER RIGHT
SPEAKER LEFT
White
Black
Red
White
Gray
Black
Red
Orange
Sky Blue

PARTS LOCATION OF CABINET AND CHASSIS



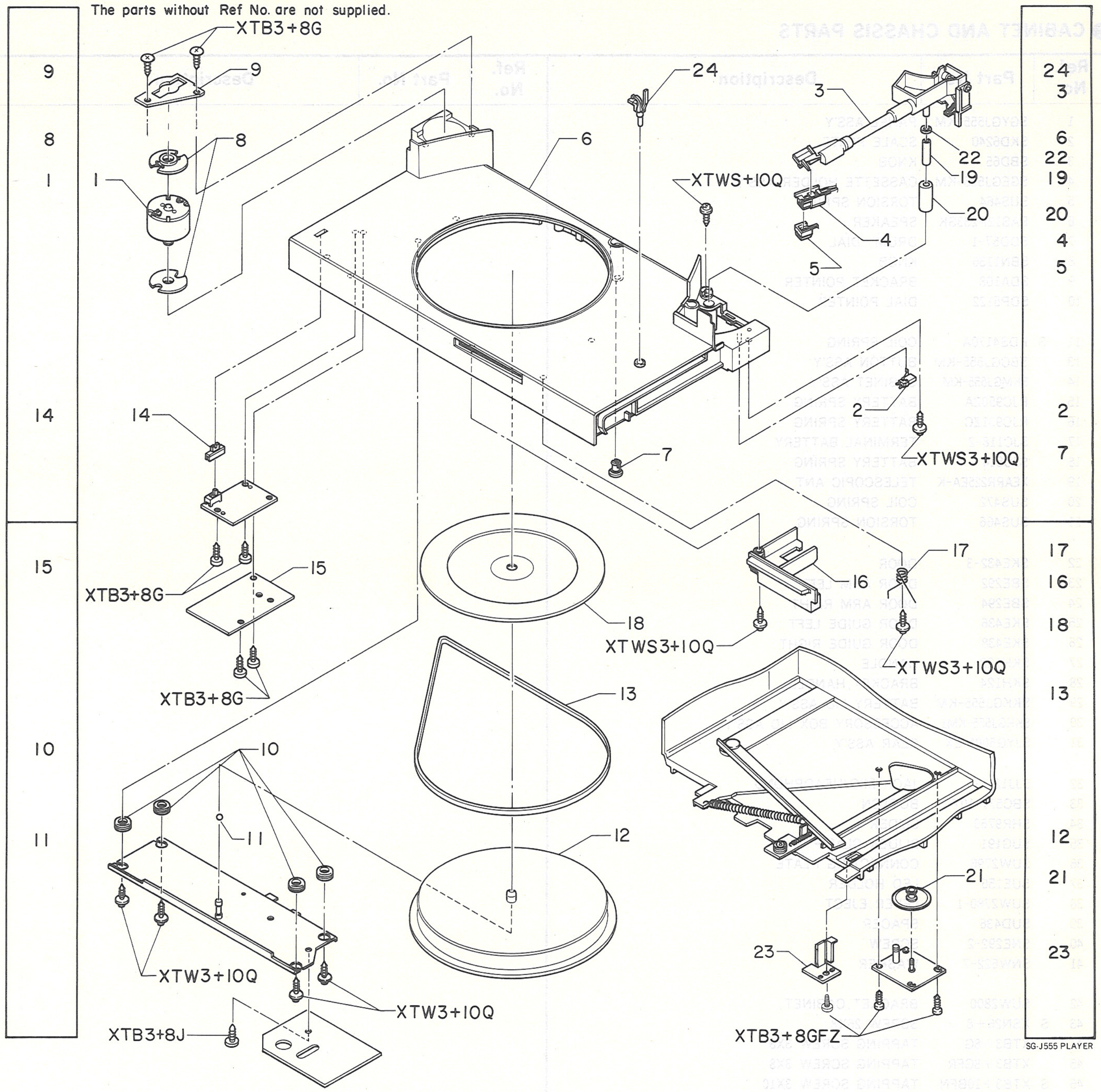
REPLACEMENT PARTS LIST

● CABINET AND CHASSIS PARTS

Ref. No.		Part No.	Description	Ref. No.	Part No.	Description
1		SGYGJ555-KM	PANEL ASS'Y			
2		SKD6240	SCALE PLATE			
3		SBD65	KNOB			
4		SGEGJ555-KM	CASSETTE HOLDER ASS'Y			
5		SUS464	TORSION SPRING			
6		EAS12P233SK	SPEAKER			
7		SDD57-1	DRUM, DIAL			
8		SBN1136	KNOB			
9		SDA108	BRACKET, POINTER			
10		SDP5122	DIAL POINTER			
11	S	RDS4170A	COIL SPRING			
13		SBCGJ555-KM	BUTTON ASS'Y			
14		SKMGJ555-KM	CABINET ASS'Y			
15		RJC950ZA	BATTERY SPRING			
16		RJC931ZC	BATTERY SPRING			
17		SJC118-2	TERMINAL, BATTERY			
18		SJC514	BATTERY SPRING			
19		XEARR225EA-K	TELESCOPIC ANT			
20		SUS472	COIL SPRING			
21		SUS466	TORSION SPRING			
22		SKE432-3	DOOR			
23		SBE292	DOOR ARM LEFT			
24		SBE294	DOOR ARM RIGHT			
25		SKE436	DOOR GUIDE LEFT			
26		SKE438	DOOR GUIDE RIGHT			
27		SKH122	HANDLE			
28		SKH124	BRACKET, HANDLE			
29		SKKGJ555-KM	BATTERY LID ASS'Y			
30		SKKGJ555-KM1	ACCESSORY BOX LID ASS'Y			
31		SJYG500MEX	GEAR ASS'Y			
32		SJJ121-1	JACK, MIC/HEADPHONO			
33		SBC571-10T	BUTTON			
34		SHR9769	SLIDER			
35		SUG191	SLIDER CLAMP			
36		SUW2796	CONNECTING PLATE			
37		SUE156	LED HOLDER			
38		SUW2780-1	LEVER, EJECT			
39		SUD436	SPACER			
40		SNE292-2	SCREW			
41		SNW622-7	WASHER			
42		SUW2800	BRACKET, CABINET			
43	S	XSN26+8	SCREW 26X8			
44		XTB3+8G	TAPPING SCREW 3X8			
45		XTB3+8GFR	TAPPING SCREW 3X8			
46	S	XTB3+10BFN	TAPPING SCREW 3X10			
47	S	XTN3+10B	TAPPING SCREW 3X10			
48	S	XTB3+8BFN	TAPPING SCREW 3X8			
49	S	XTB3+12BFN	TAPPING SCREW 3X12			
50	S	XTB3+40BFN	TAPPING SCREW 3X40			
51	S	XTN3+8B	TAPPING SCREW 3X8			
52	S	XTN3+10BFZ	TAPPING SCREW 3X10			
53		XYN3+C12FCS	SCREW 3X12			
54		SHS3066	FELT			

PARTS LOCATION OF RECORD PLAYER

The parts without Ref No. are not supplied.



XTB3+8G
9
8
1
24
3
6
22
19
20
4
5
XTWS+10Q
2
7
XTWS3+10Q
14
15
XTB3+8G
17
16
18
XTWS3+10Q
13
10
11
12
21
23
XTW3+10Q
XTB3+8J
XTB3+8GFZ
SG-J555 PLAYER

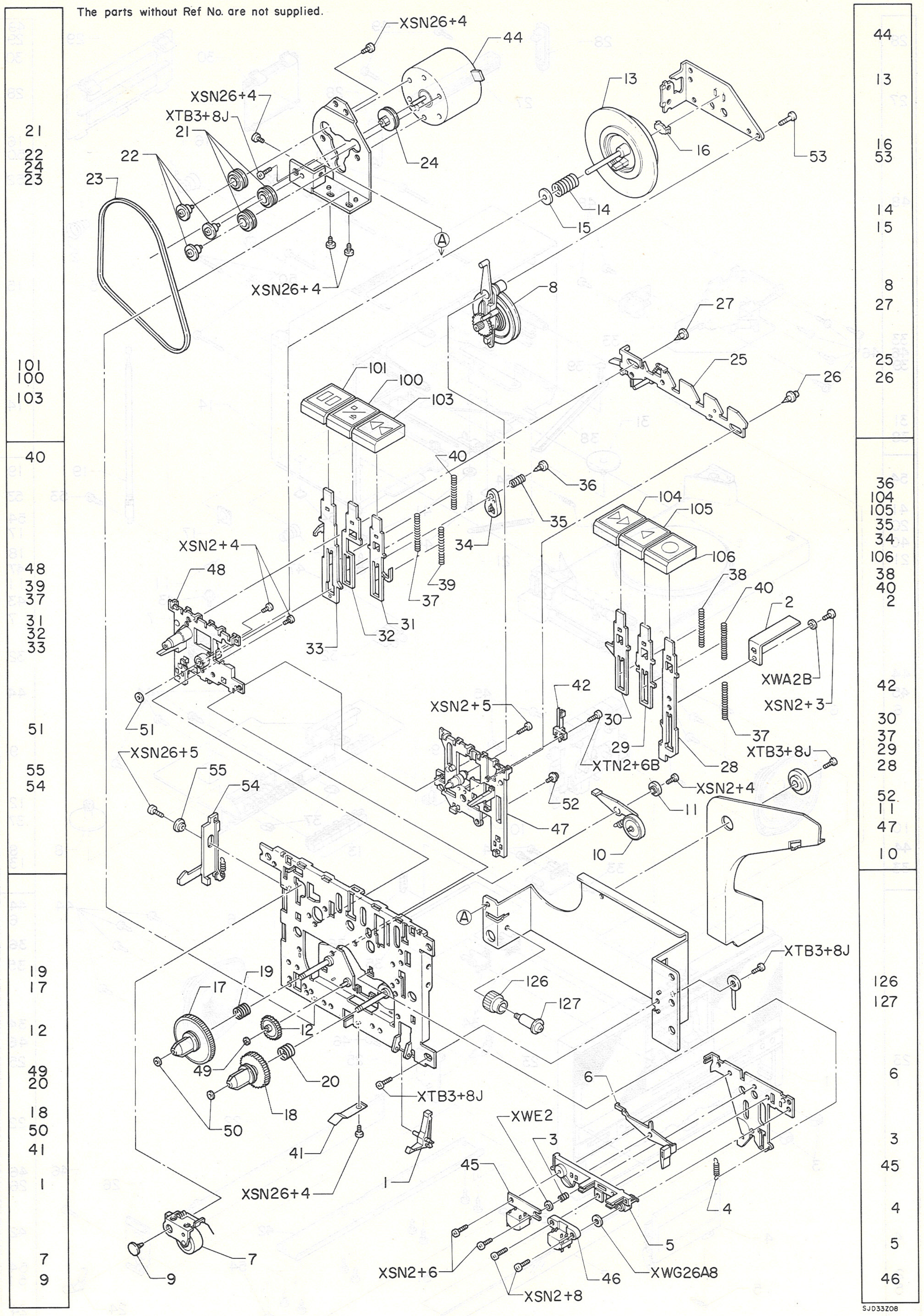
REPLACEMENT PARTS LIST

● RECORD PLAYER PARTS

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
1	MMNGJ500	MOTOR ASS'Y	13	SJY90080-1	FLAT BELT
2	SSP74	MICRO SWITCH	14	SBN1132	SLIDE KNOB
3	EPA644STB	TONE ARM	15	SUV288	P.W.B. COVER
4	EPC13STH	CARTRIDGE WITH STYLUS	16	SJY5216	BUTTON
5	EPS41ST	STYLUS	17	SUS470	BUTTON SPRING
6	SJYGJ555-KM	PLAYER BOARD ASS'Y	18	SJY4072-1	TURNTABLE MAT
7	SUD436	SPACER	19	SJY90444	TONE ARM SHAFT BRACKET
8	SHG9260	MOTOR RUBBER	20	SJY90446	SHAFT BRACKET RUBBER
9	SJY90422-1	PLATE, MOTOR	21	SJY90440	PULLEY GEAR
10	SHG9238	RUBBER CUSHION	22	SNW412-2	POLY WASHER
11	SJY90418	BALL	23	SUW2804-1	STOPPER
12	SJYGJ500	TURNTABLE ASS'Y	24	SJY342-1	PICK REST ASS'Y

PARTS LOCATION OF CASSETTE TAPE DECK

The parts without Ref No. are not supplied.



XSN26+4
44
13
16
53
XSN26+4
XTB3+8J
21
22
24
23
14
15
XSN26+4
8
27
25
26
101
100
103
40
36
35
104
105
34
106
38
40
2
XSN2+4
48
39
37
31
32
33
XWA2B
XSN2+3
42
XSN2+5
30
29
28
37
XTB3+8J
51
XSN26+5
55
54
XTN2+6B
XSN2+4
52
11
47
10
XTB3+8J
126
127
19
17
12
49
20
18
50
41
XTB3+8J
6
XWE2
3
45
4
1
XSN26+4
7
9
5
XSN2+6
46
XWG26A8
XSN2+8
SJ033208

REPLACEMENT PARTS LIST

● CASSETTE TAPE DECK PARTS

Ref. No.	Part No.	Description
1	SMQ4778	REC SAFETY LEVER
2	SMQ4284	LEAF SPRING
3	SMQ4596	COIL SPRING
4	SMQ5436	COIL SPRING
5	SMQ5004	HEAD BASE
6	SMQ5006	SENSING PIECE ASS'Y
7	SMQ5008	PINCH ROLLER ASS'Y
8	SMQ5010	RF CLUTCH ASS'Y
9	SMQ4774	STOPPER
10	SMQ5012	ROLLER SHAFT BRACKET W/SPRING
11	SMQ5014	COLLAR
12	SMQ4810	FF GEAR
13	SMQ5016	FLYWHEEL ASS'Y
14	SMQ5018	COIL SPRING
15	SMQ5020	WASHER
16	SMQ2538	PAD, FLYWHEEL
17	SMQ5022	TAKE UP REEL ASS'Y
18	SMQ5024	REEL ASS'Y, SUPPLY
19	SMQ5026	COIL SPRING
20	SMQ5028	COIL SPRING
21	SMQ1834	RUBBER CUSHION, MOTOR
22	SMQ1908	MOTOR SCREW
23	SMQ5438	ANGULAR BELT
24	SMQ4726	PULLEY, MOTOR
25	SMQ5440	OPERATION PLATE
26	SMQ4276	OPERATION PLATE SHAFT, REC
27	SMQ5034	OPERATION PLATE SHAFT, STOP
28	SMQ5036	LEVER, REC
29	SMQ5038	LEVER, PLAY
30	SMQ5040	LEVER, REW
31	SMQ5042	LEVER, FF
32	SMQ5044	LEVER, STOP
33	SMQ5046	LEVER, PAUSE
34	SMQ2444	CLICK LEVER, PAUSE
35	SMQ5048	COIL SPRING
36	SMQ4862	STOPPER, PAUSE CLICK LEVER
37	SMQ5050	COIL SPRING
38	SMQ5052	COIL SPRING
39	SMQ5054	COIL SPRING
40	SMQ5056	COIL SPRING
41	SMQ4278	LEAF SPRING
42	SMQ5460	MOTOR SWITCH
44	MMI5A2L	MOTOR
45	SJH92	R/P HEAD
46	SJH94	ERASE HEAD
47	SMQ5064	BUTTON BASE, R
48	SMQ5434	BUTTON BASE, L
49	SMQ4930	POLY WASHER
50	SMQ4928	POLY WASHER
51	SMQ1402	NYLON WASHER
52	SMQ5068	SCREW
53	SMQ5070	SCREW
54	SMQ5462	EJECT SLIDE LEVER W/SPRING
55	SMQ5170	COLLAR,ELECT LEVER
100	SBC592	BUTTON,STOP/EJECT
101	SBC594	BUTTON,PAUSE
103	SBC590	BUTTON,FF
104	SBC588	BUTTON,REWIND
105	SBC586	BUTTON,PLAY
106	SBC584	BUTTON,RECORDING
126	SMQ4096	DAMPER GEAR
127	SNE270	SCREW

ORDER NO. HAD8507221P3

Parts Change Notice

Model No. SG–J555S [XA]

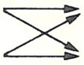
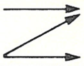
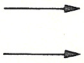
Service Manual
Order No. HAD85042485C3

Please revise the original parts list in the Service Manual to conform to the change (s) shown herein. If new part numbers are shown, be sure to use them when orderring parts.

Reason for Change *The circled item indicates the reason. If no marking, see the Notes in the bottom column.

1. Improve performance
2. Change of material or dimension
3. To meel approved specification
4. Standardization
5. Addition
6. Deletion
7. Correction
8. Other

Interchangeability Code **The circled item Indicates the interchangeability. If no marking, see the Notes in the bottom column.

	Parts		Set Production	
A	Original New		Early Late	Original or new parts may be used in early or late production set. Use original parts until exhausted, then stock new parts.
B	Original New		Early Late	Original parts may be used in early production sets only. New parts may be used in early or late production sets. Use original parts where possible, then stock new parts.
C	Original New		Early Late	New parts only may be used in early or late production sets. Stock new parts.
D	Original New		Early Late	Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
E	Other			

Part Number

Model No.	Ref. No.	Original Part No.	New Part No.	Notes (*'**)	Part Name & Descriptions	
SG–J555S	T102	RLI4M102	**RLI4M101**	**7, C**	FM IFT	

File this Parts Change Notice with your copy of the Service Manual.

National

Matsushita Electric Trading Co., Ltd.
P.O. Box 288, Central Osaka Japan

Printed in Japan
850700650 ® TN

ORDER NO. HAD8506147A7

Service Manual

Portable Stereo
SG-J555

AM/FM Stereo Radio with Cassette Tape Deck and Record Player

Color

(K). . . Black Type

Color	Area
(K)	[PA] . . . . Far East PX
(K)	[PE] . . . . European Military
(K)	[XM] . . . . Mexico

Please use this manual together with the service manual for Model No. SG-J555[MX], Order No. HAD85032446C1

■ CHANGE IN REPLACEMENT PARTS LIST

Note : Important safety notice:
Components identified by ⚠ mark have special characteristics important for safety. When replacing any of these component's use only manufacturer's specified parts.

Ref. No.	Change of Part No.		Part Name & Description	
	SG-J555 [MX]	→ **SG-J555 [PA·PE·XM]**		
SWITCH				
S901	SSR224	SSR224—1	Voltage Selector	⚠
ACCESSORY				
A4	SQF12317	SQF12560	Instruction Book	
PACKING				
P2	SPG5196	SPG5196—1	Carton Box	
CABINET and CHASSIS PARTS				
14	SKMGJ555—KM	SKMGJ555—KP	Cabinet Ass'y	
RECORD PLAYER PARTS				
18	SJY4072—1	SJY4072	Turntable Mat	

Panasonic®

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P.O. Box 288, Central Osaka Japan

Panasonic Tokyo Office
Matsushita Electric Trading Co., Ltd.
1-2, 1-chome, Shibakoen, Minato-ku, Tokyo 105, Japan

Printed in Japan
85060750 Ⓙ TN

ORDER NO. HAD8507221P3

Parts Change Notice

Model No. SG–J555S [XA]

Service Manual
Order No. HAD85042485C3

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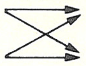
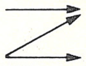
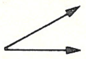
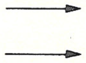
Reason for Change *The circled item indicates the reason. If no marking, see the Notes in the bottom column.

1. Improve performance	
2. Change of material or dimension	
3. To meel approved specification	
4. Standardization	
5. Addition	
6. Deletion	
7. Correction	
8. Other	

Interchangeability Code **The circled item Indicates the interchangeability. If no marking, see the Notes in the bottom column.

	Parts		Set Production	
A	Original New		Early Late	Original or new parts may be used in early or late production set. Use original parts until exhausted, then stock new parts.
B	Original New		Early Late	Original parts may be used in early production sets only. New parts may be used in early or late production sets. Use original parts where possible, then stock new parts.
C	Original New		Early Late	New parts only may be used in early or late production sets. Stock new parts.
D	Original New		Early Late	Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
E	Other			

Part Number

Model No.	Ref. No.	Original Part No.	New Part No.	Notes (*'**)	Part Name & Descriptions	
SG–J555S	T102	RLI4M102	**RLI4M101**	**7, C**	FM IFT	

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